JVC

# SERVICE MANUAL

## LCD FLAT TELEVISION

# LT-26X776/KA, LT-32X776/KA, LT-37X776/KA

| BASIC CHASSIS |
|---|
| FL2 |

[LT-32X776]

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# SPECIFICATION

| Items | | Contents | | |
|---|---|---|---|---|
| | | LT-26X776 | LT-32X776 | LT-37X776 |
| Dimensions ( W × H × D ) | | 70.3 cm × 55.3 cm × 30.9 cm<br>(27-3/4 × 21-7/8 × 12-1/4) [Included stand]<br>70.3 cm × 48.3 cm × 11.5 cm<br>(27-3/4 × 19-1/8 × 4-5/8) [TV only] | 80.8 cm × 62.8 cm × 30.9 cm<br>(31-7/8 × 24-3/4 × 12-1/4) [Included stand]<br>80.8 cm × 55.9 cm × 11.6 cm<br>(31-7/8 × 22 × 4-5/8) [TV only] | 92.6 cm × 68.7 cm × 32.5 cm<br>(36-1/2 × 27-1/8 × 12-7/8) [Included stand]<br>92.6 cm × 63.2 cm × 10.9 cm<br>(36-1/2 × 24-7/8 × 4-3/8) [TV only] |
| Mass | | 19.6 kg (43.2 lbs) [Included stand]<br>16.3 kg (35.9 lbs) [TV only] | 20.4 kg (44.9 lbs) [Included stand]<br>17.1 kg (37.6 lbs) [TV only] | 27.0 kg (61.6 lbs) [Included stand]<br>21.7 kg (47.7 lbs) [TV only] |
| Power Input | | AC120 V , 60 Hz | | |
| Power Consumption | | 139 W (Max) | 173 W (Max) | 202 W (Max) |
| TV RF System (Analog / Digital) | Analog | CCIR (M) | | |
| | Digital | ATSC terrestrial / Digital cable | | |
| Color System (Analog) | | NTSC | | |
| Stereo System (Analog) | | BTSC (Multi Channel Sound) | | |
| Teletext System (Analog) | | Closed caption (T1-T4 / CC1-CC4) | | |
| TV Receiving Channels and Frequency (Analog) | VHF Low | 02 ch - 06 ch : 54 MHz - 88 MHz | | |
| | VHF High | 07 ch - 13 ch : 174 MHz - 216 MHz | | |
| | UHF | 14 ch - 69 ch : 470 MHz - 806 MHz | | |
| | CATV | 54 MHz - 804 MHz<br>Low Band : 02 - 06<br>High Band : 07 - 13<br>Mid Band : 14 - 22<br>Super Band : 23 - 36<br>Hyper Band : 37 - 64<br>Ultra Band : 65 - 94, 100 - 135<br>Sub Mid Band : 01, 96 - 99 | | |
| TV / CATV Total Channel | | 191 Channels | | |
| Intermediate Frequency (Analog) | Video IF | 45.75 MHz | | |
| | Sound IF | 41.25 MHz (4.5 MHz) | | |
| Color Sub Carrier Frequency (Analog) | | 3.58 MHz | | |
| LCD panel | | 26V-inch wide aspect (16:9) | 32V-inch wide aspect (16:9) | 37V-inch wide aspect (16:9) |
| Screen Size | | Diagonal : 64.8 cm (H:56.5 cm × V : 31.8 cm) | Diagonal : 80.2 cm (H:69.7cm × V : 39.2 cm) | Diagonal : 94.9 cm (H:82.6cm × V : 46.7 cm) |
| Display Pixels | | Horizontal : 1366 dots × Vertical : 768 dots (W-XGA) | | |
| Audio Power Output | | 10 W + 10 W | | |
| Speaker | | 6.6 cm, round type × 2 (Oblique corn) | | 6.6 cm, round type × 4 |
| Antenna terminal (VHF/UHF) | | F-type connector, 75 Ω unbalanced, coaxial | | |
| Video / Audio input [INPUT-1/2/3] | Component Video [INPUT-1] | RCA pin jack × 3 | | |
| | 1125i / 750p | Y : 1 V (p-p) (Sync signal: 0.35V(p-p), 3-value sync.), 75 Ω<br>Pb/Pr : ±0.35V(p-p), 75 Ω | | |
| | 525p / 525i | Y : 1 V (p-p), Positive (Negative sync provided), 75 Ω<br>Cb/Cr : 0.7V(p-p), 75 Ω | | |
| | S-Video [INPUT-1/2] | Mini-DIN 4 pin × 2<br>Y: 1 V (p-p), Positive (Negative sync provided), 75 Ω<br>C: 0.286V (p-p) (Burst signal), 75 Ω | | |
| | Video | 1 V (p-p), Positive (Negative sync provided), 75 Ω, RCA pin jack × 3 | | |
| | Audio | 500 mV (rms), High impedance, RCA pin jack × 6 | | |
| Digital input | Video | HDMI connector × 1<br>(Digital-input terminal is not compatible with picture signals of computer signal) | | |
| | Audio | Digital: HDMI connector × 1<br>Anarog: 500 mV(rms) (-4 dBs), high impedance, RCA pin jack × 2 | | |
| Monitor / Recording Output | S-Video | Mini-DIN 4pin × 1<br>Y: 1 V (p-p), 75 Ω<br>C: 0.286 V(p-p) (burst signal), 75 Ω | | |
| | Video | 1 V (p-p), 75 Ω, RCA pin jack × 1 | | |
| | Audio | 250 mV(rms) (-10 dBs), Fs-18 dB low impedance, RCA pin jack × 2 | | |
| Audio output | | 500 mV (rms), Low impedance, RCA pin jack × 2 | | |
| iLink Input/Output | | TS In/Out (4-pin, S400) × 2, IEEE1394 compliant DTCP digital copy protection compatible | | |
| Digital Audio Optical Output | | Digital SPDIF × 1 | | |
| Headphone | | 3.5 mm stereo mini jack × 1 | | |
| Remote Control Unit | | RM-C14G (AA/R6 / UM-3 battery × 2) | | |

Design & specifications are subject to change without notice.

# SECTION 1
# PRECAUTION

## 1.1 SAFETY PRECAUTIONS

(1) The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.

(2) Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.

(3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by ( ⚠ ) on the parts list in Service manual**. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.

(4) **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : ( ⊥ ) side GND, the ISOLATED (NEUTRAL) : ( ⏚ ) side GND and EARTH : ( ⊜ ) side GND.
Don't short between the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND and never measure the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND at the same time with a measuring apparatus (oscilloscope etc.). If above note will not be kept, a fuse or any parts will be broken.

(5) When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

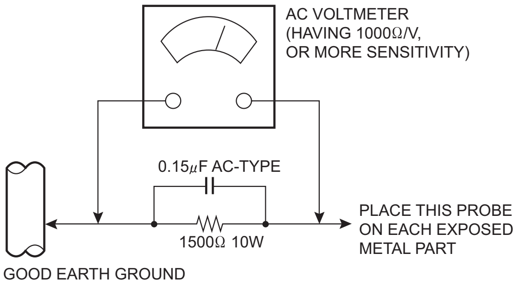
(6) **Isolation Check (Safety for Electrical Shock Hazard)**
After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screw heads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

a) **Dielectric Strength Test**
The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second. (. . . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.)
This method of test requires a test equipment not generally found in the service trade.

b) **Leakage Current Check**
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

**Alternate Check Method**

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000Ω per volt or more sensitivity in the following manner. Connect a 1500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



## 1.2 INSTALLATION

### 1.2.1 HEAT DISSIPATION

If the heat dissipation vent behind this unit is blocked, cooling efficiency may deteriorate and temperature inside the unit will rise. The temperature sensor that protects the unit will be activated when internal temperature exceeds the pre-determined level and power will be turned off automatically.Therefore, please make sure pay attention not to block the heat dissipation vent as well as the ventilation outlet behind the unit and ensure that there is room for ventilation around it.

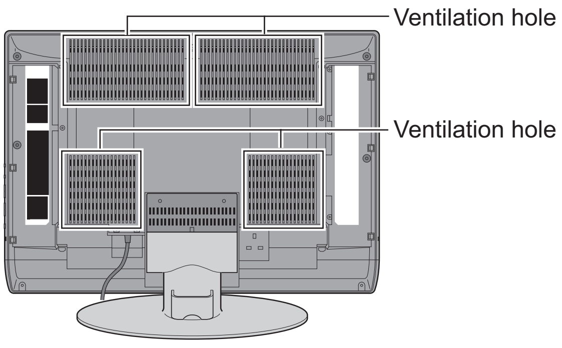


*Diagram differs from actual appearance.

### 1.2.2 INSTALLATION REQUIREMENTS

Ensure that the minimal distance is maintained, as specified below, between the unit with and the surrounding walls, as well as the floor etc.Install the unit on stable flooring or stands.Take precautionary measures to prevent the unit from tipping in order to protect against accidents and earthquakes.

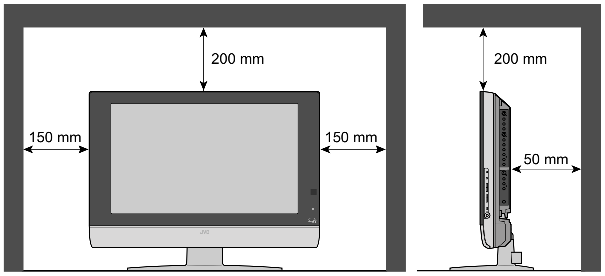


*Diagram differs from actual appearance.

### 1.2.3 INSTALLATION REQUIREMENTS

To ensure safety in an emergency such as an earthquake, and to prevent accidents, ensure that measures are taken to prevent the TV dropping or falling over.

Tie commercially available tough cord(s) to the hooks in the back of the TV, and fix the TV to solid walls or columns.

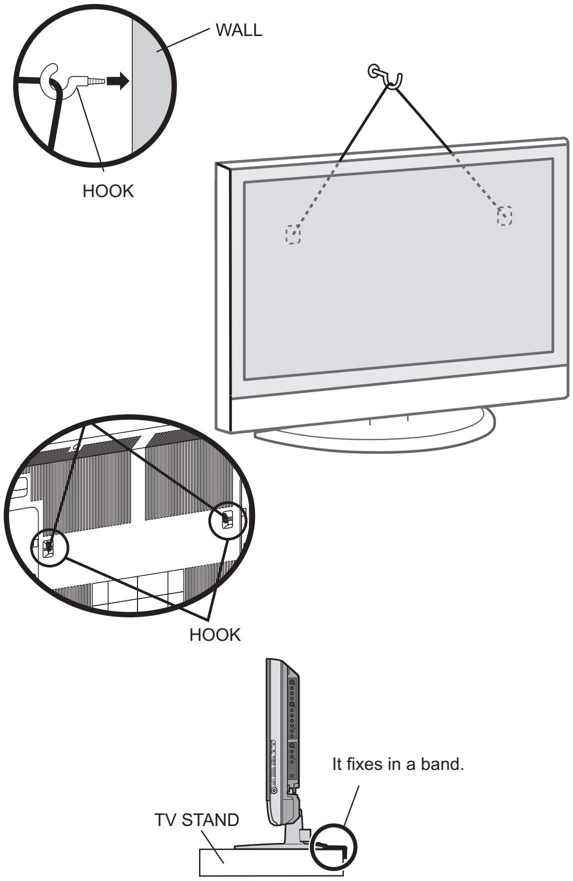


*Diagram differs from actual appearance.

### 1.2.4 NOTES ON HANDLING

(1) WHEN TAKING UNIT OUT OF A PACKING CASE
When taking the unit out of a packing case, do not grasp the upper part of the unit. If you take the unit out while grasping the upper part, the LCD PANEL may be damaged because of a pressure. Instead of grasping the upper part, put your hands on the lower backside or sides of the unit.

(2) AS FOR PRESSING OR TOUCHING A SPEAKER
Be careful not to press the opening of the speaker in the lower part of the unit and around them since the decorative sheet on the surface of the openings may be deformed.

## 1.3 HANDLING LCD PANEL

### 1.3.1 PRECAUTIONS FOR TRANSPORTATION

When transporting the unit, pressure exerted on the internal LCD panel due to improper handling (such as tossing and dropping) may cause damages even when the unit is carefully packed. To prevent accidents from occurring during transportation, pay careful attention before delivery, such as through explaining the handling instructions to transporters.

Ensure that the following requirements are met during transportation, as the LCD panel of this unit is made of glass and therefore fragile:

(1) USE A SPECIAL PACKING CASE FOR THE LCD PANEL
When transporting the LCD panel of the unit, use a special packing case (packing materials). A special packing case is used when a LCD panel is supplied as a service spare part.

(2) ATTACH PROTECTION SHEET TO THE FRONT
Since the front (display part) of the panel is vulnerable, attach the protection sheet to the front of the LCD panel before transportation. Protection sheet is used when a LCD panel is supplied as a service spare part.

(3) AVOID VIBRATIONS AND IMPACTS
The unit may be broken if it is toppled sideways even when properly packed. Continuous vibration may shift the gap of the panel, and the unit may not be able to display images properly. Ensure that the unit is carried by at least 2 persons and pay careful attention not to exert any vibration or impact on it.

(4) DO NOT PLACE EQUIPMENT HORIZONTALLY
Ensure that it is placed upright and not horizontally during transportation and storage as the LCD panel is very vulnerable to lateral impacts and may break. During transportation, ensure that the unit is loaded along the traveling direction of the vehicle, and avoid stacking them on one another. For storage, ensure that they are stacked in 2 layers or less even when placed upright.

### 1.3.2 OPTICAL FILTER (ON THE FRONT OF THE LCD PANEL)

(1) Avoid placing the unit under direct sunlight over a prolonged period of time. This may cause the optical filter to deteriorate in quality and color.

(2) Clean the filter surface by wiping it softly and lightly with a soft and lightly fuzz cloth (such as outing flannel).

(3) Do not use solvents such as benzene or thinner to wipe the filter surface. This may cause the filter to deteriorate in quality or the coating on the surface to come off. When cleaning the filter, usually use the neutral detergent diluted with water. When cleaning the dirty filter, use water-diluted ethanol.

(4) Since the filter surface is fragile, do not scratch or hit it with hard materials. Be careful enough not to touch the front surface, especially when taking the unit out of the packing case or during transportation.

### 1.3.3 PRECAUTIONS FOR REPLACEMENT OF EXTERIOR PARTS

Take note of the following when replacing exterior parts (REAR COVER, FRONT PANEL, etc.):

(1) Do not exert pressure on the front of the LCD panel (filter surface). It may cause irregular color.

(2) Pay careful attention not to scratch or stain the front of the LCD panel (filter surface) with hands.

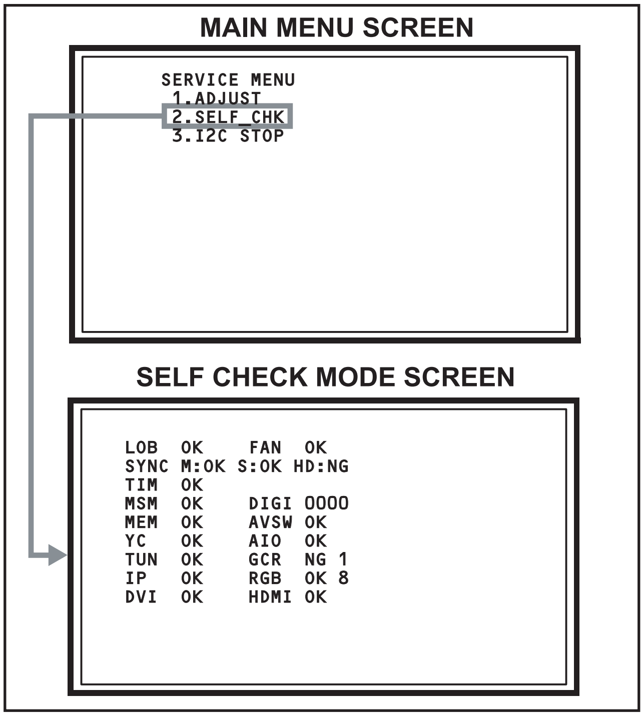
(3) When replacing exterior parts, the front (LCD panel) should be placed facing downward. Place a mat, etc. underneath to avoid causing scratches to the front (filter surface).

# SECTION 2
# SPECIFIC SERVICE INSTRUCTIONS

## 2.1 SYSTEM SETTEING

**Be sure to carry out the following operation at the end of the procedure.**

1. Set to 0 minutes using the **[SLEEP TIMER]** key.
2. Press the **[VIDEO STATUS]** key and **[DISPLAY]** key simultaneously, then enter the SERVICE MODE.
3. When the Main Menu is displayed, press **[2]** key to enter the self check mode.
4. Turn off the power by pressing the **[POWER]** key on the remote control unit.



```
SERVICE MENU
 1.ADJUST
 2.SELF CHK
 3.I2C STOP
```

```
LOB  OK     FAN  OK
SYNC M:OK S:OK HD:NG
TIM  OK
MSM  OK     DIGI 0000
MEM  OK     AVSW OK
YC   OK     AIO  OK
TUN  OK     GCR  NG 1
IP   OK     RGB  OK 8
DVI  OK     HDMI OK
```

## 2.2 FEATURES

**D.I.S.T. (Digital Image Scaling Technology)**

This system uses line interpolation to double the number of scanning lines and achieve high resolution, flicker-free picture.

**SMART CAPTION**

Smart caption will appear when you press the MUTING button, only on channels where the broadcast contains CLOSED CAPTION information.

**SMART SOUND**

Decreases high sound levels, giving a regulated sound level.

**VIDEO STATUS**

Expression of a favorite screen can be chosen by the VIDEO STATUS function.
[STANDARD ↔ DYNAMIC ↔ THEATER ↔ GAME]

**DIGITAL INPUT**

Digital-in will display when any picture signal (480i/ 480p, 720p/ 1080i) in Digital-in is displayed.

**V-CHIP**

Since the V-CHIP is built in, it can choose, view and listen to a healthy program.

**MTS STEREO**

The voice multiplex function of the MTS system is built in. (MTS = Multi channel Television Sound system)

**NATURAL CINEMA**

Watching the movie or animation, press the Natural Cinema to adjust the out line of the images to make thin more sharp.

**BBE**

High definition audio adds natural, clear and extraordinary sound quality to any program.

**VIDEO INPUT LABEL**

This function is used to label video input connections for the onscreen displays.

**A.H.S.**

Adds a more spacious surround sound. Music gives basic effect and Movie for more effect.

## 2.3 MAIN DIFFERENCE LIST

| Item | LT-26X776 | LT-32X776 | LT-37X776 |
|---|---|---|---|
| LCD PANEL UNIT | QLD0373-001 | QLD0374-001 | QLD0375-001 |
| ANALOG SIGNAL PWB | SFL-1121A-M2 | ← | SFL-1122A-M2 |
| POWER PWB | SFL-9031A-M2 | SFL-9030A-M2 | SFL-9029A-M2 |
| REGULATOR PWB | SFL-9131A-M2 | SFL-9130A-M2 | SFL-9129A-M2 |
| DIGITAL SIGNAL PWB | SFL0D133A-M2 | SFL0D132A-M2 | SFL0D131A-M2 |

## 2.4 TECHNICAL INFORMATION

### 2.4.1 LCD PANEL

This unit uses the flat type panel LCD (Liquid Crystal Display) panel that occupies as little space as possible, instead of the conventional CRT (Cathode Ray Tube), as a display unit.

Since the unit has the two polarizing filter that are at right angles to each other, the unit adopts "normally black" mode, where light does not pass through the polarizing filter and the screen is black when no voltage is applied to the liquid crystals.

### 2.4.1.1 SPECIFICATIONS

The following table shows the specifications of this unit.

| Item | Specifications | | |
|---|---|---|---|
| | 26V type | 32V type | 37V type |
| Maximum dimensions ( W × H × D ) | 646 mm × 373 mm × 51 mm | 780 mm × 450 mm × 51 mm | 877 mm × 545 mm × 56 mm |
| Weight | 6.4 kg | | 8.0 kg |
| Effective screen size | Diagonal: 648 mm (H:565 mm × V : 318 mm) | Diagonal: 802 mm (H:697 mm × V : 392 mm) | Diagonal: 949 mm (H:826 mm × V : 467 mm) |
| Aspect ratio | 16 : 9 | | |
| Drive device / system | a-Si-TFT, active matrix system | | |
| Resolution | Horizontally 1366 × Vertically 768 × RGB <W-XGA> / 3147264 dots in total | | |
| Pixel pitch (pixel size) | H: 0.4135mm, V: 0.4135mm | H: 0.51075mm, V: 0.51075mm | H: 0.6mm, V: 0.6mm |
| Displayed color | 16777216 colors / 256 colors for R, G, and B | | |
| Brightness | 500 cd/$m^2$ | | |
| Contrast ratio | 800 : 1 | | |
| Response time | 15 ms | 12 ms | 6 ms |
| View angle | Horizontally: 170°, Vertically: 170° | | |
| Surface polarizer | Anti-Glare type, Low reflective coat | | |
| Color filter | Vertical stripe | | |
| Backlight | Cold cathode fluorescent lamp × 16 | Cold cathode fluorescent lamp × 18 | |
| Power supply voltage in LCD | 5 V | | |
| Power supply voltage in inverter | 24 V | | |
| Panel interface system | LVDS (Low Voltage Differential Signaling) | | |

### 2.4.1.2 PIXEL FAULT

There are three pixel faults - bright fault , dark fault and flicker fault - that are respectively defined as follows.

**(1) BRIGHT FAULT**

In this pixel fault, a cell that should not light originally is lighting on and off.
For checking this pixel fault, input ALL BLACK SCREEN and find out the cell that is lighting on and off.

**(2) DARK FAULT**

In this pixel fault, a cell that should light originally is not lighting or lighting with the brightness twice as brighter as originally lighting.
For checking this pixel fault, input 100% of each R/G/B colour and find out the cell that is not lighting.

**(3) FLICKER FAULT**

In the pixel fault, a cell that should light originally or not light originally is flashing on and off.
For checking this pixel fault, input ALL BLACK SCREEN signal or 100% of each RGB colour and find out the cell that is flashing on and off.

## 2.4.2 MAIN CPU PIN FUNCTION [IC7601 : DIGITAL SIGNAL PWB ASS'Y]

| Pin | Pin name | I/O | Function | Pin | Pin name | I/O | Function |
|---|---|---|---|---|---|---|---|
| 1 | VHOLD1 | I | Data slice for main screen closed caption | 51 | NC | O | Not used |
| 2 | HFLT1 | I/O | LPF for main screen closed caption video input | 52 | NC | O | Not used |
| 3 | NC | O | Not used | 53 | NC | O | Not used |
| 4 | NC | O | Not used | 54 | NC | O | Not used |
| 5 | DIGR0 | O | R [0] for OSD | 55 | NC | O | Not used |
| 6 | TB1in | I | AC power for timer clock | 56 | NC | O | Not used |
| 7 | REMO | I | Remote control | 57 | NC | O | Not used |
| 8 | BYTE | I | Data bus width select [L = 16bit (fixed)] | 58 | NC | O | Not used |
| 9 | CNVss | I | CPU programming mode select [Normal = L] | 59 | NC | O | Not used |
| 10 | DIGG0 | O | G [0] for OSD | 60 | NC | O | Not used |
| 11 | DIGB0 | O | B [0] for OSD | 61 | NC | O | Not used |
| 12 | RESET | I | Reset for main CPU [Reset = L] | 62 | HSYNC | I | H. sync for OSD |
| 13 | Xout | O | System clock osillation (crystal) : 16MHz | 63 | NC | O | Not used |
| 14 | Vss | - | GND | 64 | VSYNC | I | V. sync for OSD |
| 15 | Xin | I | System clock osillation (crystal) : 16MHz | 65 | NC | O | Not used |
| 16 | VccI | I | 3.3V stand-by power supply | 66 | NC | O | Not used |
| 17 | OSC1 | I | Clock for OSD | 67 | NC | O | Not used |
| 18 | OSC2 | O | Not used : Clock for OSD | 68 | NC | O | Not used |
| 19 | INT1 | I | AV COMPULINK control | 69 | NC | O | Not used |
| 20 | INT0 | I | Request for sub(chassis) CPU communication (serial data) | 70 | NC | O | Not used |
| 21 | OUT1 | O | Ys (blanking) for OSD | 71 | NC | O | Not used |
| 22 | OUT2 | O | YM (transparence) for OSD | 72 | NC | O | Not used |
| 23 | NC | O | Not used | 73 | NC | O | Not used |
| 24 | NC | O | Not used | 74 | NC | O | Not used |
| 25 | NC | O | Not used | 75 | NC | O | Not used |
| 26 | NC | O | Not used | 76 | NC | O | Not used |
| 27 | CTA2/RTS2 | O | Not used : Digital tuner control | 77 | NC | O | Not used |
| 28 | CLK2 | O | Not used : Digital tuner control | 78 | NC | O | Not used |
| 29 | RxD2 | I | Not used : Digital tuner control | 79 | NC | O | Not used |
| 30 | TxD2 | O | Not used : Digital tuner control | 80 | NC | O | Not used |
| 31 | SDA2 | I/O | Not used | 81 | NC | O | Not used |
| 32 | DIGR1 | O | R [1] for OSD | 82 | NC | O | Not used |
| 33 | DIGG1 | O | G [1] for OSD | 83 | NC | O | Not used |
| 34 | DIGB1 | O | B [1] for OSD | 84 | WAKE | O | Reset for sub(chassis) CPU |
| 35 | TxD0 | I | Data receive (serial) for external programming | 85 | CARD_DET | I | Card detection for ATSC digital tuner |
| 36 | RxD0 | O | Data transmission (serial) for external programming | 86 | POWER_SW | I | Power switch (mechanical) detection |
| 37 | CLK0 | I | Clock for external programming | 87 | NC | I/O | Data for Inter IC (serial) bus control : memory |
| 38 | RTS0 | O | Busy for external programming [Operation = H] | 88 | NC | O | Clock for Inter IC (serial) bus control : memory |
| 39 | P5.7 | I | Not used | 89 | DIGR2 | O | R [2] for OSD |
| 40 | P5.6 | O | Not used | 90 | DIGG2 | O | G [2] for OSD |
| 41 | HOLD | I | CPU programming mode select [Normal = H] | 91 | DIGB2 | O | B [2] for OSD |
| 42 | P5.4 | O | Not used | 92 | NC | O | Not used |
| 43 | P5.3 | O | Not used | 93 | KEY2 | I | Key scan data for front control button (MENU/CH+/CH-) KEY2 |
| 44 | P5.2 | O | Not used | 94 | KEY1 | I | Key scan data for front control button (VOL+/VOL-) KEY1 |
| 45 | P5.1 | O | Not used | 95 | VHOLD2 | I | Data slice for sub screen closed caption |
| 46 | WR | O | CPU programming mode select [Normal = L] | 96 | HLF2 | I/O | LPF for sub screen closed caption video input |
| 47 | P4.7 | O | Data transmission for sub(chassis) CPU communication (serial) | 97 | CVIN2 | I | Video(Y) for sub screen closed caption |
| 48 | P4.6 | I | Data receive for sub(chassis) CPU communication (serial) | 98 | TVSETB | I | Test terminal [L Fixed] |
| 49 | P4.5 | I | Clock for sub(chassis) CPU communication (serial) | 99 | VCCE | I | 5V stand-by power supply |
| 50 | P4.4 | O | Not used | 100 | CVIN1 | I | Video(Y) for main screen closed caption |

## 2.4.3 SUB (CHASSIS) CPU PIN FUNCTION [IC7001 : DIGITAL SIGNAL PWB ASS'Y]

| Pin | Pin name | I/O | Function | Pin | Pin name | I/O | Function |
|---|---|---|---|---|---|---|---|
| 1 | LB_PRO | O | Not used | 51 | BS_TXD | O | Not used : Data transmission for digital tuner communication |
| 2 | P_MU | O | Picture muting [Muting = H] | 52 | BS_RXD | I | Not used : Data receive for digital tuner communication |
| 3 | JP_CSB | O | Not used (NC) | 53 | NC | O | Not used (NC) |
| 4 | A_MU | O | Audio muting [Muting = H] | 54 | VREF+ | I | 3.3V power supply |
| 5 | M_MU | O | Audio muting (for AUDIO OUT) [Muting = H] | 55 | PDP_TX | O | Data transmission for SUB (DRIVE) CPU communication |
| 6 | PC_SEL | O | Not used : RGB(PC) INPUT select | 56 | PDP_RX | I | Data receive for SUB (DRIVE) CPU communication |
| 7 | ON_TIMER | O | POWER INDICATOR (LED) brightness [LOW = L] | 57 | SDA0 | I/O | Data for Inter IC (serial) bus : EEP-ROM (IC7002) |
| 8 | ILA0 | O | LCD back light lighting | 58 | SCL0 | O | Clock for Inter IC (serial) bus : EEP-ROM (IC7002) |
| 9 | ILA1 | O | LCD panel overshoot refresh timing | 59 | SDA_DVI | I/O | Not used : Data for Inter IC (serial) bus for panel communication |
| 10 | ILA2 | O | Not used | 60 | SCL_DVI | O | Not used : Clock for Inter IC (serial) bus for panel communication |
| 11 | POW_LED | O | POWER LED lighting [ON = H] | 61 | AVSS | - | GND |
| 12 | WORD | O | Not used | 62 | DIGII_PHOT | I | Photo sensor for DIGITAL-IN illegal copy protection |
| 13 | MI_CK | I | Clock for SUB (OSD) CPU communication | 63 | AGC | I | Not used |
| 14 | MI_TX | I | Data receive for SUB (OSD) CPU communication | 64 | EXT_YS1 | I | Not used |
| 15 | MI_RX | O | Data transmission for SUB (OSD) CPU communication | 65 | EXT_YS2 | I | Not used |
| 16 | MI_REQ | O | Data request for SUB (OSD) CPU communication [Request = L] | 66 | VDD | I | 3.3V power supply |
| 17 | VDD | I | 3.3V power supply | 67 | DIGI_PRO | O | for DIGITAL-IN (HDMI) |
| 18 | FOSC | O | Not used (NC) | 68 | GCR_RST | O | Not used (NC) |
| 19 | VSS | - | GND | 69 | GR_ON | O | Not used (NC) |
| 20 | X1 | I | Not used : Low speed oscillatior | 70 | SYNC_SEL | O | Not used : Sync select for digital tuner |
| 21 | X0 | O | Not used : Low speed oscillatior | 71 | NC | O | Not used (NC) |
| 22 | VDD | I | 3.3V power supply | 72 | NC | O | Not used (NC) |
| 23 | OSC1 | I | System clock osillation (crystal) : 16MHz | 73 | SBD5 | I/O | Data for writing on board (connect CN01P : for Frash ROM type) |
| 24 | OSC0 | O | System clock osillation (crystal) : 16MHz | 74 | SBT5 | I | Clock for writing on board (connect CN01P : for Frash ROM type) |
| 25 | MODE | I | Single chip mode | 75 | NMI | I | 3.3V power supply |
| 26 | BS1.5CTL | O | Not used : Digital tuner power / reset control | 76 | COMP | I | AV COMPULINK III control |
| 27 | A92RES | O | Reset for IC1001(3D YC SEP / COLOR DEMODULAT) [Reset = H] | 77 | REMO | I | Remote control |
| 28 | BS_RST | O | Not used: Reset for Digital tuner power / reset control | 78 | VSYNC | I | V. sync pulse |
| 29 | LIP_RST | O | Not used: Reset for Sound delay (Lip sync) | 79 | WAKE | I | Reset for sub(chassis) CPU |
| 30 | SOFT_OFF | O | Not used | 80 | POWERGOOD | I | Power error detection [NG = H] |
| 31 | VMUTE | I | No use : Picture muting request from digital tuner | 81 | NC | O | Not used (NC) |
| 32 | VOUTENB | O | No use : Video cutoff for digital tuner | 82 | RST | I | Reset for MAIN CPU [Reset = L] |
| 33 | MDR_CON | I | No use : System cable connection monitor for PDP | 83 | VDD | I | 3.3V power supply |
| 34 | AVDD | I | 3.3V power supply | 84 | SCL3A | O | Clock for Inter IC (serial) bus control |
| 35 | BS_POW | O | Not used : Digital tuner power control | 85 | SDA3A | I/O | Data for Inter IC (serial) bus control |
| 36 | DsyncSW2 | O | Sync select for DIGITAL-IN [Cotrolled with 99-pin] | 86 | SCL3B | O | Clock for Inter IC (serial) bus control |
| 37 | LB_POW | O | Not used : Power control for low bias line | 87 | SDA3B | I/O | Data for Inter IC (serial) bus control |
| 38 | NC | O | Not used (NC) | 88 | DIGI_SYNCSEL | O | Not used |
| 39 | HOTPLUG | I | Not used : Video communiation monitor for receiver unit (PDP) | 89 | DIGI_LRSW | O | For DIGITAL-IN (HDMI) |
| 40 | MECA_SW | I | Mechanical monitor for POWER switch [Push = L] | 90 | DIGI_INT | I | Reset for HDMI process [Reset = ] |
| 41 | MAIN_POW | O | Main power control [ON = L] | 91 | DVI_RST | O | Not used : Reset for DVI format conversion |
| 42 | MSP_RST | O | AUDIO OUT output mode select [VARIABLE = L] | 92 | VSS | - | GND |
| 43 | VREF- | I | Not used | 93 | SCL5055 | O | Clock for Inter IC (serial) bus : JCC5055 (DIST process) |
| 44 | AFT2 | I | Not used : AFT voltage for sub tuner | 94 | VFORMATSEL | O | Not used : Digital tuner clock control |
| 45 | AFT1 | I | AFT voltage for VHF/UHF tuner | 95 | SDA5055 | I/O | Data for Inter IC (serial) bus : JCC5055 (DIST process) |
| 46 | KEY2 | I | Key scan data for front switch (MENU/CH+/CH-) | 96 | OSD_MODE_SEL | O | Not used : OSD mode select |
| 47 | KEY1 | I | Key scan data for front switch (VOL+/VOL-) | 97 | NC | O | Not used (NC) |
| 48 | NC | O | Not used (NC) | 98 | 15K/OTH | O | Main video select [Fixed H] |
| 49 | NC | O | Not used (NC) | 99 | DsyncSW1 | O | Sync select for DIGITAL-IN [Cotrolled with 36-pin] |
| 50 | AC_IN | I | AC power pulse for timer clock | 100 | 57 BUSY | I | Busy monitor for JCC5057 (New DIST process) |

# SECTION 3
# DISASSEMBLY

## 3.1 CAUTION AT DISASSEMBLY

- **Be sure to perform the SYSTEM SETTING at the end of the procedure.**
- Make sure that the power cord is disconnected from the outlet.
- Pay special attention not to break or damage the parts.
- When removing each board, remove the connectors as required. Taking notes of the connecting points (connector numbers) makes service procedure manageable.
- Make sure that there is no bent or stain on the connectors before inserting, and firmly insert the connectors.

## 3.2 DISASSEMBLY PROCEDURE [LT-26X776/LT-32X776]

### 3.2.1 REMOVING THE STAND (Fig.1)

(1) Remove the 2 screws **[A]**, then remove the STAND COVER.
(2) Remove the 4 screws **[B]**, then remove the STAND.

### 3.2.2 REMOVING THE REAR COVER (Fig.1)

- Remove the STAND.

(1) Remove the JACK COVER (L/R).
(2) Remove the 7 screws **[C]**, the 4 screws **[D]**, and the 1 screw **[E]**.
(3) Remove the REAR COVER.

### 3.2.3 REMOVING THE REGULATOR PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.

(1) Remove the 4 screws **[F]**, then remove the FAN BRACKET.
(2) Remove the 1 screw **[G]**, then remove the POWER CORD HOLDER.
(3) Remove the POWER CORD from the POWER PWB.
(4) Remove the REGULATOR PWB.

### 3.2.4 REMOVING THE POWER PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the FAN BRACKET.

(1) Remove the 4 screw **[H]**, then remove the POWER PWB.

### 3.2.5 REMOVING THE ANALOG SYGNAL PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the FAN BRACKET.

(1) Remove the 6 screws **[J]**, then remove the TERMINAL BASE.
(2) Remove the 5 screws **[K]**, then remove the ANALOG SIGNAL PWB.

### 3.2.6 REMOVING THE FRONT CONTROL PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.

(1) Remove the 3 screws **[L]**, then remove the CONTROL ASSY with the FRONT CONTROL PWB.
(2) Remove the FRONT CONTROL PWB.

### 3.2.7 REMOVING THE RECEIVER PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.

(1) Remove the 3 screws **[M]** and the 1 screw **[N]**, then remove the TUNER BASE.
(2) Remove the 2 screws **[P]** and the 2 screws **[Q]**, then remove the TOP SHIELD CASE.
(3) Remove the 2 screws **[R]**, then remove the RECEIVER PWB.

### 3.2.8 REMOVING THE CONNECTOR PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the TOP SHIELD CASE.

(1) Remove the 4 screws **[S]**, then remove the RECEIVER PWB BRACKET.
(2) Remove the 1 screw **[T]**, then remove the CONNECTOR PWB.

### 3.2.9 REMOVING THE COOLING FAN (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the TOP SHIELD CASE.

(1) Remove the 5 screws **[U]** and the 3 screws **[V]**, then remove the SHIELD COVER with COOLING FAN.
(2) Remove the 2 ribets **[W]**, then the remove the COOLING FAN.

### 3.2.10 REMOVING THE ATSC TUNER MODULE PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the TUNER BASE.
- Remove the TOP SHIELD CASE.
- Remove the SHIELD COVER.

(1) Remove the 5 screws **[X]**, then remove the DIGITAL TUNER UNIT.

### 3.2.11 REMOVING THE DIGITAL SIGNAL PWB (Fig.1)

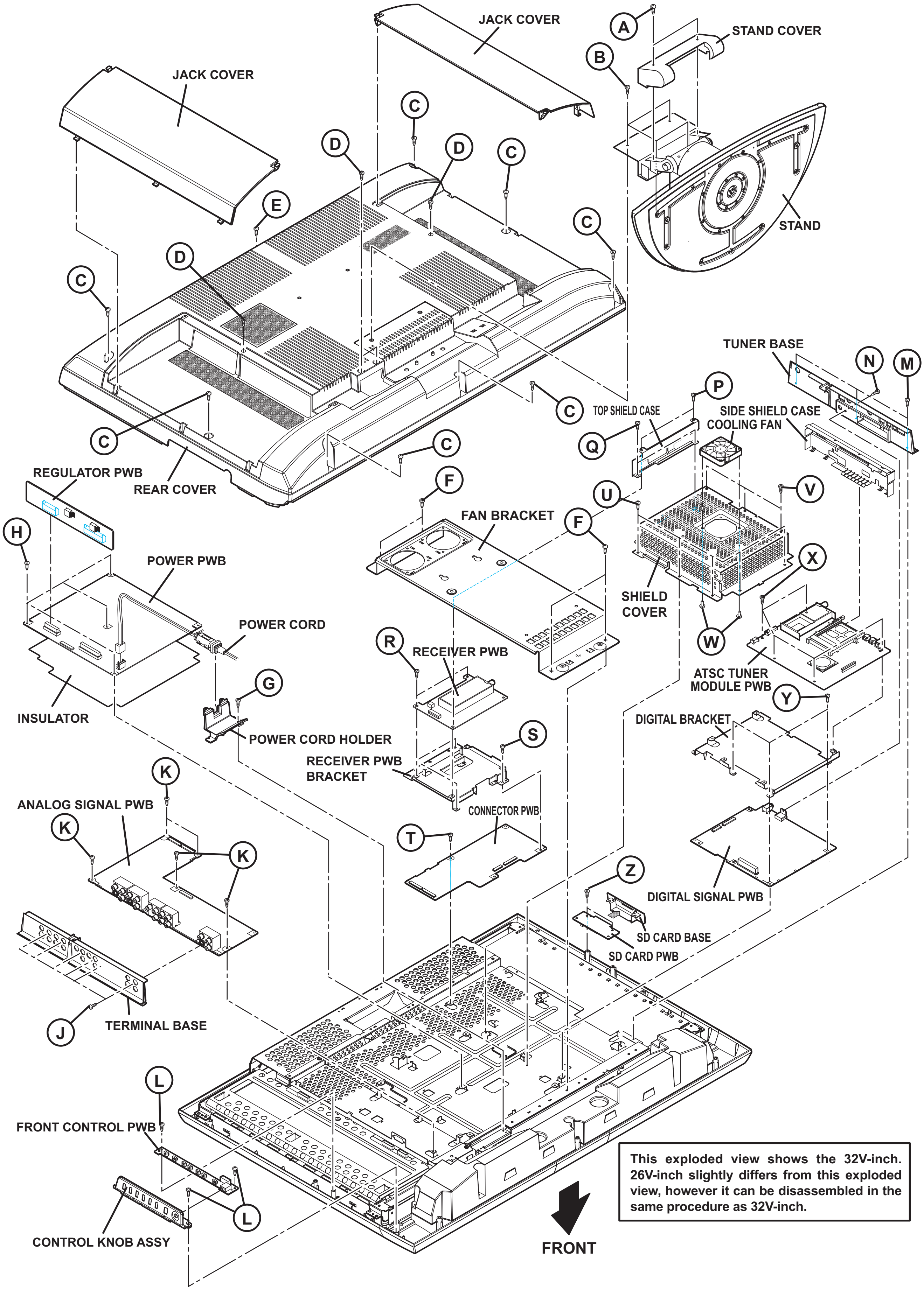
- Remove the STAND.
- Remove the REAR COVER.
- Remove the TUNER BASE.
- Remove the TOP SHIELD CASE.
- Remove the SHIELD COVER.
- Remove the ATSC TUNER MODULE PWB.

(1) Remove the 3 screws **[Y]**, then remove the DIGITAL BRACKET.
(2) Remove the DIGITAL SIGNALPWB.

### 3.2.12 REMOVING THE SD CARD PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.

(1) Remove the 2 screws **[Z]**, then remove the SD CARD PWB.


JACK COVER
A
STAND COVER
B
JACK COVER
C
D
D
C
E
C
D
C
STAND
TUNER BASE
N
M
P
C
TOP SHIELD CASE
SIDE SHIELD CASE
COOLING FAN
Q
C
C
REGULATOR PWB
REAR COVER
F
U
V
H
FAN BRACKET
F
POWER PWB
SHIELD COVER
X
POWER CORD
R
RECEIVER PWB
W
ATSC TUNER MODULE PWB
G
Y
INSULATOR
DIGITAL BRACKET
POWER CORD HOLDER
S
RECEIVER PWB BRACKET
K
ANALOG SIGNAL PWB
K
K
CONNECTOR PWB
T
Z
DIGITAL SIGNAL PWB
SD CARD BASE
SD CARD PWB
TERMINAL BASE
J
L
FRONT CONTROL PWB
L
CONTROL KNOB ASSY
FRONT

This exploded view shows the 32V-inch. 26V-inch slightly differs from this exploded view, however it can be disassembled in the same procedure as 32V-inch.

Fig.1

### 3.2.13 REMOVING THE SPEAKER (Fig.2)

- Remove the STAND.
- Remove the REAR COVER.
  (1) Remove the 7 screws **[A]**, then remove the SPEAKER BOX.
  (2) Remove the 4 screws **[B]**, then remove the SPEAKER (L /R).
  (3) Remove the 8 screws **[C]**, then remove the DUCT(L/R).

**NOTE:**

Since the speaker is attached in a certain direction, attach the speaker in the same correct direction as it has been attached.

### 3.2.14 REMOVING THE LCD PANEL UNIT (Fig.2)

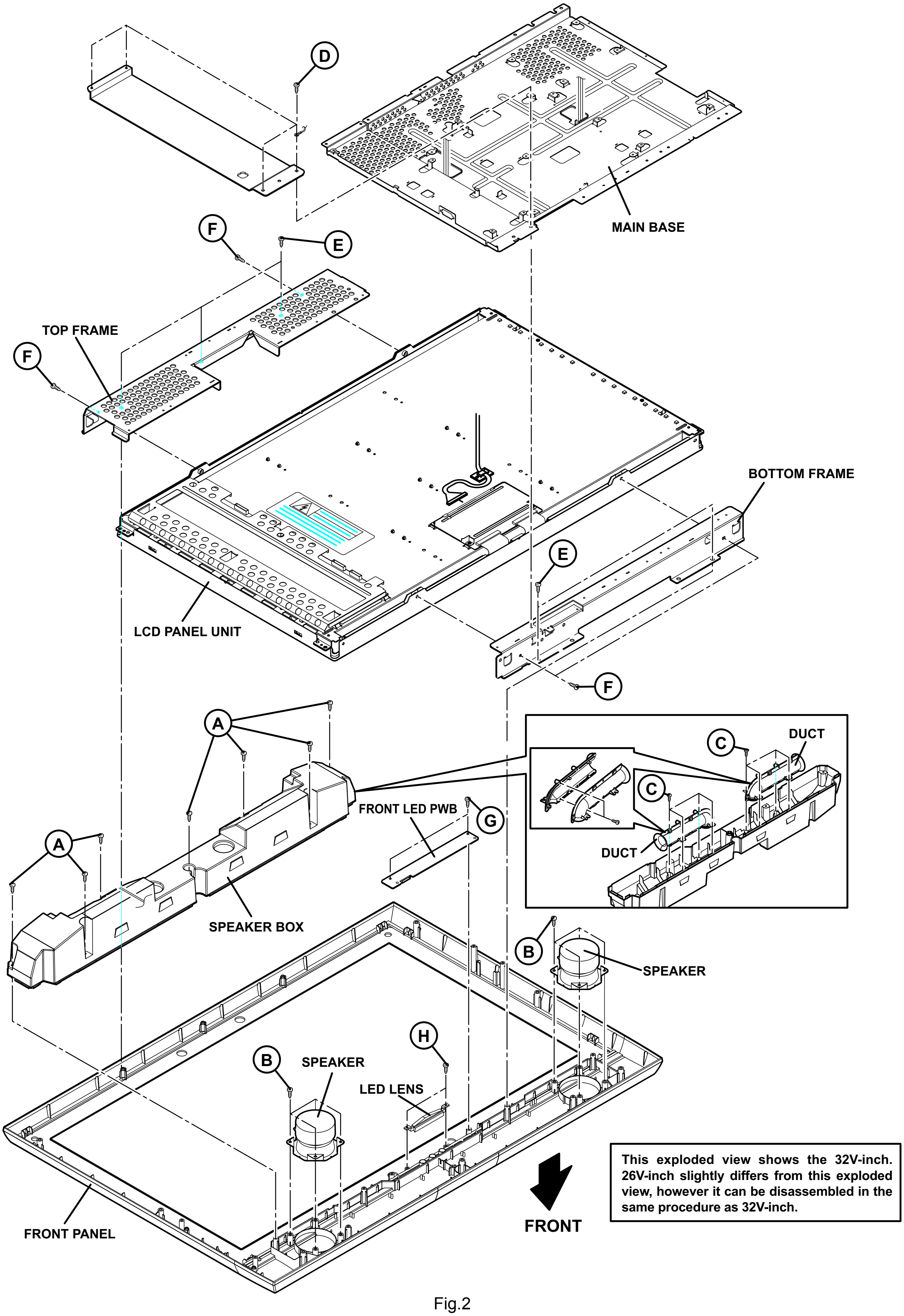
- Remove the STAND.
- Remove the REAR COVER.
- Remove the FAN BRACKET.
  (1) Remove the 4 screws **[D]**, then remove the MAIN BASE.
  (2) Remove the 5 screws **[E]**. then remove the LCD PANEL UNIT with the TOP FRAME and BOTTOM FRAME.
  (3) Remove the 4 screws **[F]**. then remove the TOP FRAME and BOTTOM FRAME from the LCD PANEL UNIT.

### 3.2.15 REMOVING THE FRONT LED PWB (Fig.2)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the FAN BRACKET.
  (1) Remove the 2 screws **[G]**, then remove the FRONT LED PWB.

### 3.2.16 REMOVING THE LED LENS (Fig.2)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the FAN BRACKET.
  (1) Remove the 2 screws **[H]**, then remove the LED LENS.


D
MAIN BASE
F
E
TOP FRAME
F
BOTTOM FRAME
E
LCD PANEL UNIT
F
A
C
DUCT
C
DUCT
FRONT LED PWB
G
A
SPEAKER BOX
B
SPEAKER
H
B
SPEAKER
LED LENS
FRONT
FRONT PANEL

**This exploded view shows the 32V-inch. 26V-inch slightly differs from this exploded view, however it can be disassembled in the same procedure as 32V-inch.**

Fig.2

## 3.3 DISASSEMBLY PROCEDURE [LT-37X776]

### 3.3.1 REMOVING THE STAND (Fig.3)

(1) Remove the 1 screw **[A]**, then remove the STAND COVER.
(2) Remove the 4 screws **[B]**, then remove the STAND.

### 3.3.2 REMOVING THE REAR COVER (Fig.3)

- Remove the STAND.

(1) Remove the JACK COVER (L/R).
(2) Remove the 10 screws **[C]**, the 3 screws **[D]**, and the 2 screws **[E]**.
(3) Remove the REAR COVER.

### 3.3.3 REMOVING THE REGULATOR PWB (Fig.3)

- Remove the STAND.
- Remove the REAR COVER.

(1) Remove the 4 screws **[F]**, then remove the FAN BRACKET.
(2) Remove the 1 screw **[G]**, then remove the POWER CORD HOLDER.
(3) Remove the POWER CORD from the POWER PWB.
(4) Remove the REGULATOR PWB.

### 3.3.4 REMOVING THE POWER PWB (Fig.3)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the FAN BRACKET.

(1) Remove the 4 screw **[H]**, then remove the POWER PWB.

### 3.3.5 REMOVING THE ANALOG SYGNAL PWB (Fig.3)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the FAN BRACKET.

(1) Remove the 6 screws **[J]**, then remove the TERMINAL BASE.
(2) Remove the 5 screws **[K]**, then remove the ANALOG SIGNAL PWB.

### 3.3.6 REMOVING THE FRONT CONTROL PWB (Fig.3)

- Remove the STAND.
- Remove the REAR COVER.

(1) Remove the 3 screws **[L]**, then remove the CONTROL ASSY with the FRONT CONTROL PWB.
(2) Remove the FRONT CONTROL PWB.

### 3.3.7 REMOVING THE RECEIVER PWB (Fig.3)

- Remove the STAND.
- Remove the REAR COVER.

(1) Remove the 3 screws **[M]** and the 1 screw **[N]**, then remove the TUNER BASE.
(2) Remove the 2 screws **[P]** and the 2 screws **[Q]**, then remove the TOP SHIELD CASE.
(3) Remove the 2 screws **[R]**, then remove the RECEIVER PWB.

### 3.3.8 REMOVING THE CONNECTOR PWB (Fig.3)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the TOP SHIELD CASE.

(1) Remove the 4 screws **[S]**, then remove the RECEIVER PWB BRACKET.
(2) Remove the 1 screw **[T]**, then remove the CONNECTOR PWB.

### 3.3.9 REMOVING THE COOLING FAN (Fig.3)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the TOP SHIELD CASE.

(1) Remove the 5 screws **[U]** and the 3 screws **[V]**, then remove the SHIELD COVER with COOLING FAN.
(2) Remove the 2 ribets **[W]**, then the remove the COOLING FAN.

### 3.3.10 REMOVING THE ATSC TUNER MODULE PWB (Fig.3)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the TUNER BASE.
- Remove the TOP SHIELD CASE.
- Remove the SHIELD COVER.

(1) Remove the 5 screws **[X]**, then remove the DIGITAL TUNER UNIT.

### 3.3.11 REMOVING THE DIGITAL SIGNAL PWB (Fig.3)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the TUNER BASE.
- Remove the TOP SHIELD CASE.
- Remove the SHIELD COVER.
- Remove the ATSC TUNER MODULE PWB.

(1) Remove the 3 screws **[Y]**, then remove the DIGITAL BRACKET.
(2) Remove the DIGITAL SIGNALPWB.

### 3.3.12 REMOVING THE SD CARD PWB (Fig.3)

- Remove the STAND.
- Remove the REAR COVER.

(1) Remove the 2 screws **[Z]**, then remove the SD CARD PWB.

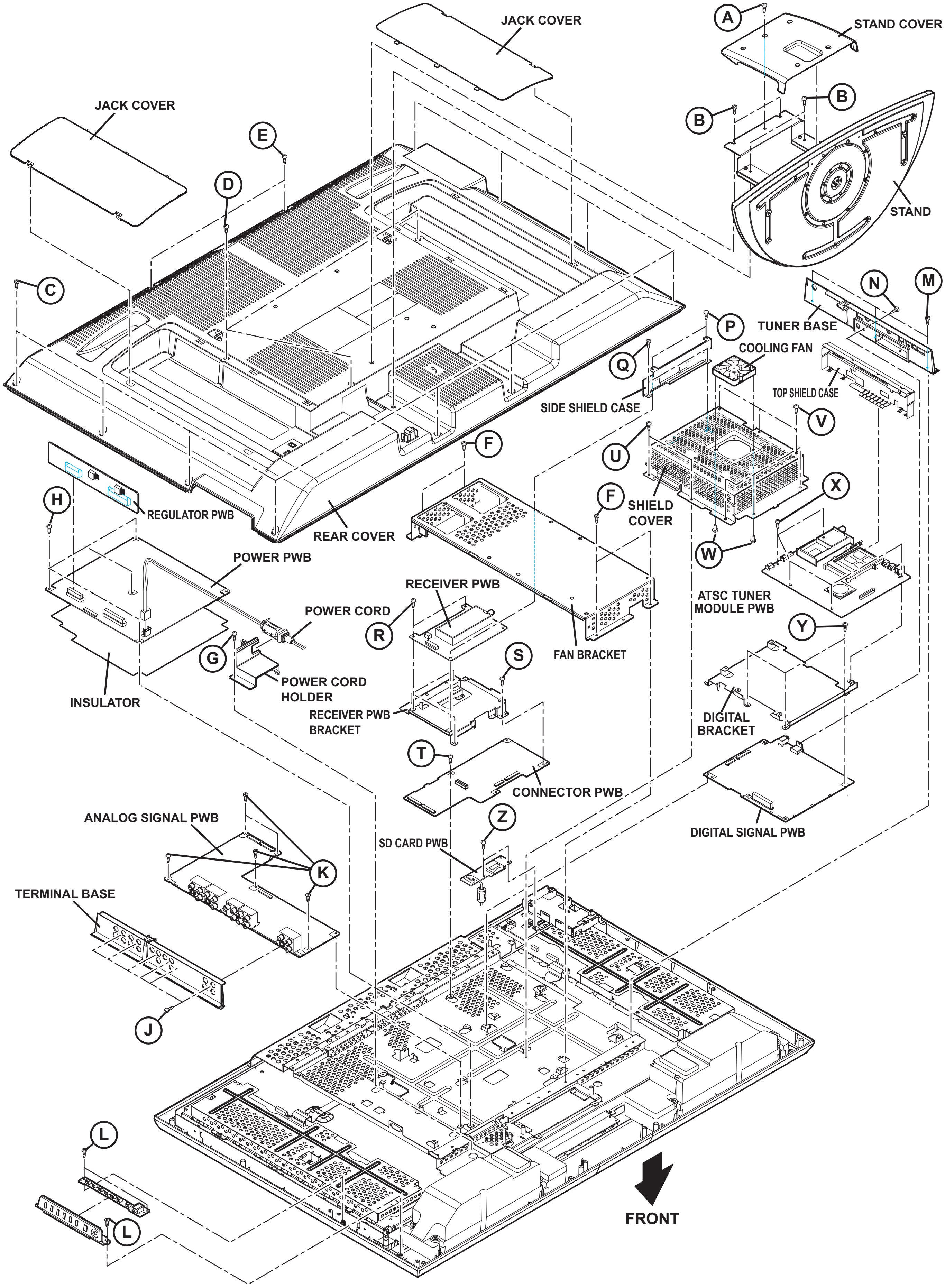

JACK COVER
A
STAND COVER
JACK COVER
E
B
B
D
STAND
C
N
M
P
TUNER BASE
Q
COOLING FAN
SIDE SHIELD CASE
TOP SHIELD CASE
V
U
F
REAR COVER
REGULATOR PWB
H
F
SHIELD COVER
X
W
POWER PWB
RECEIVER PWB
POWER CORD
ATSC TUNER MODULE PWB
R
G
FAN BRACKET
Y
S
POWER CORD HOLDER
INSULATOR
RECEIVER PWB BRACKET
DIGITAL BRACKET
T
CONNECTOR PWB
Z
ANALOG SIGNAL PWB
SD CARD PWB
DIGITAL SIGNAL PWB
K
TERMINAL BASE
J
L
L
FRONT

Fig.3

### 3.3.13 REMOVING THE SPEAKER (Fig.4)

- Remove the STAND.
- Remove the REAR COVER.

(1) Remove the 6 screws **[A]**, then remove the SPEAKER (L /R).

**NOTE:**

- Since the speaker is attached in a certain direction, attach the speaker in the same correct direction as it has been attached.
- When the speaker is decomposed, the performance cannot be kept.

### 3.3.14 REMOVING THE FRONT LED PWB (Fig.4)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the FAN BRACKET.

(1) Remove the 2 screws **[B]**, then remove the FRONT LED PWB.

### 3.3.15 REMOVING THE LCD PANEL UNIT (Fig.4)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the FAN BRACKET.

(1) Remove the 4 screws **[C]**, then remove the MAIN BASE.
(2) Remove the 3 screws **[D]**, the 2 screws **[E]** and the 1 screw **[F]**, then remove the TOP FRAME.
(3) Remove the 2 screws **[G]** and the 2 screws **[H]**, then remove the BOTTOM FRAME.
(4) Remove the 1 screw **[J]**, then remove the SD CARD PWB BRACKET.
(5) Remove the LCD PANEL UNIT from the FRONT PANEL.

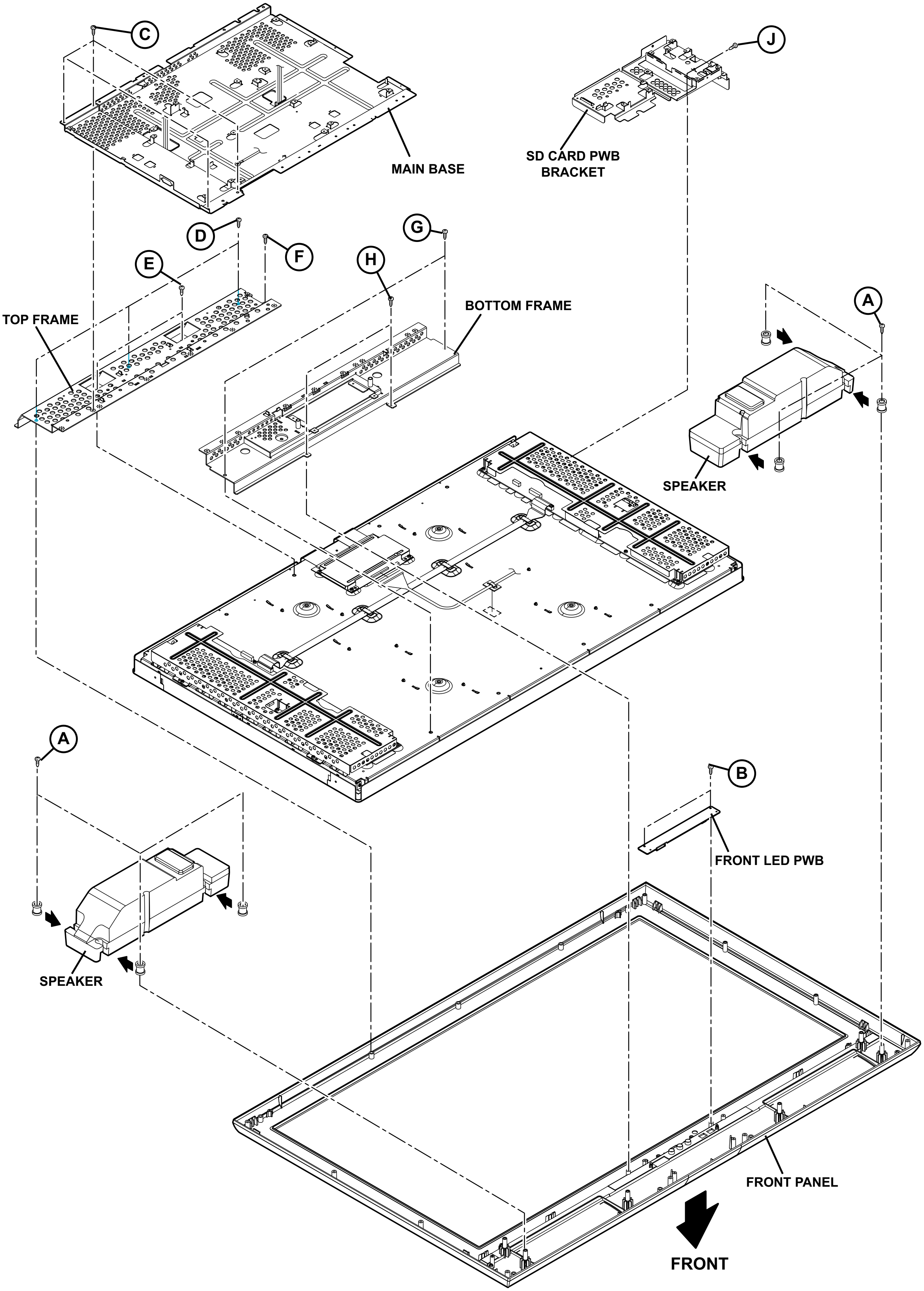

C
J
MAIN BASE
SD CARD PWB
BRACKET
D
F
G
E
H
TOP FRAME
BOTTOM FRAME
A
SPEAKER
A
B
FRONT LED PWB
SPEAKER
FRONT PANEL
FRONT

Fig.4

## 3.4 MEMORY IC REPLACEMENT

- This model uses the memory IC.
- This memory IC stores data for proper operation of the video and drive circuits.
- When replacing, be sure to use an IC containing this (initial value) data.

### 3.4.1 MEMORY IC REPLACEMENT PROCEDURE

**1. Power off**
Switch off the power and disconnect the power plug from the AC outlet.

**2. Replace the memory IC**
Be sure to use the memory IC written with the initial setting values.

**3. Power on**
Connect the power plug to the AC outlet and switch on the power.

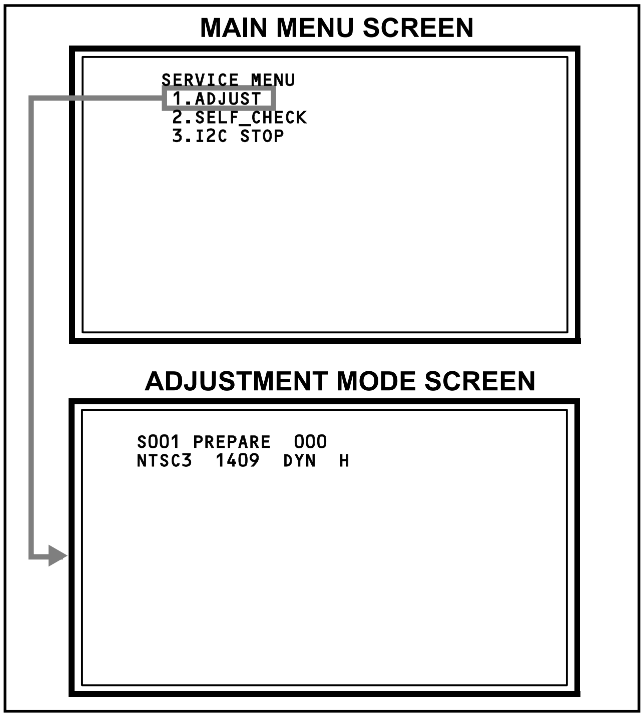
**4. Receiving channel setting**
Refer to the OPERATING INSTRUCTIONS and set the receive channels (Channels Preset) as described.

**5. User setting**
Check the user setting items according to the given in page later. Where these do not agree, refer to the OPERATING INSTRUCTIONS and set the items as described.

**6. SERVICE MODE setting**
Verify what to set in the SERVICE MODE, and set whatever is necessary (Fig.1). Refer to the SERVICE ADJUSTMENT for setting.

### 3.4.2 SERVICE MODE SETTING

**■SERVICE MODE SCREEN**



```
SERVICE MENU
 1.ADJUST
 2.SELF_CHECK
 3.I2C STOP
```

```
S001 PREPARE  000
NTSC3  1409  DYN  H
```

Fig.1

**■SETTING ITEM**

| Setting items | Settings | Item No. |
|---|---|---|
| Video sytetem setting | Adjust | S001 to S039 |
| Audio sytetem setting | Adjust | T001 to T010 |
| Panel control sytetem setting | Fixed | P001 to P010 |
| Drive sytetem setting | Fixed | D001 to D187 |
| Main cpu system setting | Fixed | Z001 to Z010 |

### 3.4.3 SETTINGS OF FACTORY SHIPMENT

#### 3.4.3.1 BUTTON OPERATION

| Setting item | Setting position |
|---|---|
| POWER | Off |
| CHANNEL | CABLE-02 |
| VOLUME | 10 |

#### 3.4.3.2 REMOTE CONTROL DIRECT OPERATION

| Setting item | | Setting position |
|---|---|---|
| INPUT | | TV |
| CHANNEL | | CABLE-02 |
| VOLUME | | 10 |
| MUTING | | OFF |
| DISPLAY | | OFF |
| ASPECT | NTSC | PANORAMA |
| | HD / ATSC | FULL |
| SLEEP TIMER | | OFF |
| THEATER PRO | | OFF |
| NATURAL CINEMA | | AUTO |
| VIDEO STATUS | | DYNAMIC |
| MTS | | STEREO |
| SOUND EFFECT | A.H.S | OFF |
| | BBE | ON |
| | SMART SOUND | OFF |
| | A.H.B | OFF |

#### 3.4.3.3 REMOTE CONTROL MENU OPERATION

**1. PICTURE ADJUST**

Customers can adjust the picture setting of menu screen as their own like but the picture standard value during factory shipment is as below.

**< NTSC MODE >**

| Setting item | DYNAMIC | STANDARD | GAME | THEATER |
|---|---|---|---|---|
| PICTURE | 00 | 00 | 00 | 00 |
| BRIGHT | 00 | 00 | 00 | 00 |
| COLOR | +10 | 00 | -10 | 00 |
| TINT | 00 | 00 | 00 | 00 |
| DETAIL | +05 | 00 | 00 | 00 |
| ENERGY SAVER MODE | +30 | +20 | 00 | -10 |
| COLOR TEMPERATURE | HIGH | LOW | HIGH | HIGH |
| DIG. NOISE CLEAR | OFF | OFF | OFF | OFF |
| COLOR MANAGEMENT | ON | ON | ON | ON |
| DYNAMIC GAMMA | ON | ON | ON | ON |
| SMART PICTURE | ON | ON | ON | ON |

**< HD MODE >**

| Setting item | DYNAMIC | STANDARD | GAME | THEATER |
|---|---|---|---|---|
| PICTURE | 00 | 00 | 00 | 00 |
| BRIGHT | 00 | 00 | 00 | 00 |
| COLOR | +05 | 00 | -10 | 00 |
| TINT | 00 | 00 | 00 | 00 |
| DETAIL | +05 | 00 | 00 | 00 |
| ENERGY SAVER MODE | +30 | +20 | 00 | -10 |
| COLOR TEMPERATURE | HIGH | LOW | HIGH | HIGH |
| DIG. NOISE CLEAR | OFF | OFF | OFF | OFF |
| COLOR MANAGEMENT | ON | ON | ON | ON |
| DYNAMIC GAMMA | ON | ON | ON | ON |

**2. SOUND ADJUST**

| Setting item | Setting position |
|---|---|
| BASS | 00 |
| TREBLE | 00 |
| BALANCE | 00 |

**3. CLOCK / TIMERS**

| Setting item | Setting position |
|---|---|
| ON / OFF TIMER | OFF |

**4. INITIAL SETUP**

| Setting item | Setting position |
|---|---|
| VIDEO-1 MONITOR OUT | OFF |
| DIGITAL-IN | AUTO |
| DIGITAL-AUDIO | DIGITAL |
| NOISE MUTING | ON |
| FRONT PANEL LOCK | OFF |
| V1 SMART INPUT | OFF |
| VIDEO INPUT LABEL | All blank |
| POSITION ADJUSTMENT | Center |
| POWER INDICATOR | HIGH |
| ILLUMINATION | LOW |
| LANGUAGE | ENG. |
| CLOSED CAPTION | OFF(CC1/T1) |
| AUTO SHUT OFF | OFF |
| XDS ID | ON |
| V-CHIP | OFF |
| AUTO DEMO | OFF |

## 3.5 REPLACEMENT OF CHIP COMPONENT

### 3.5.1 CAUTIONS

(1) Avoid heating for more than 3 seconds.
(2) Do not rub the electrodes and the resist parts of the pattern.
(3) When removing a chip part, melt the solder adequately.
(4) Do not reuse a chip part after removing it.

### 3.5.2 SOLDERING IRON

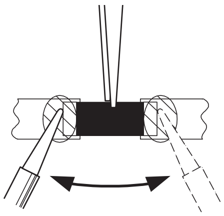
(1) Use a high insulation soldering iron with a thin pointed end of it.
(2) A 30w soldering iron is recommended for easily removing parts.

### 3.5.3 REPLACEMENT STEPS

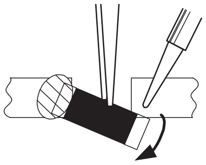
**1. How to remove Chip parts**

**[Resistors, capacitors, etc.]**

(1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.

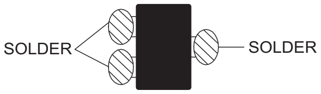


(2) Shift with the tweezers and remove the chip part.

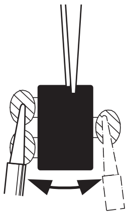


**[Transistors, diodes, variable resistors, etc.]**

(1) Apply extra solder to each lead.



(2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.



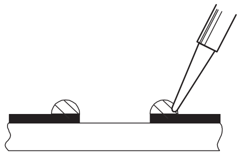
**NOTE :**

After removing the part, remove remaining solder from the pattern.

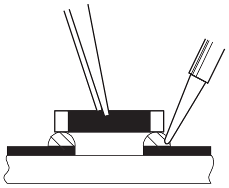
**2. How to install Chip parts**

**[Resistors, capacitors, etc.]**

(1) Apply solder to the pattern as indicated in the figure.

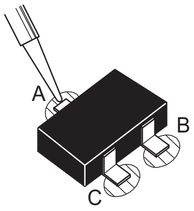


(2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

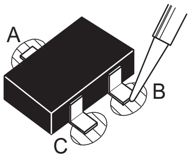


**[Transistors, diodes, variable resistors, etc.]**

(1) Apply solder to the pattern as indicated in the figure.
(2) Grasp the chip part with tweezers and place it on the solder.
(3) First solder lead **A** as indicated in the figure.



(4) Then solder leads **B** and **C**.



# SECTION 4
# ADJUSTMENT

## 4.1 ADJUSTMENT PREPARATION

(1) **There are 2 ways of adjusting this TV : One is with the REMOTE CONTROL UNIT and the other is the conventional method using adjustment parts and components.**

(2) **The adjustment using the REMOTE CONTROL UNIT is made on the basis of the initial setting values. The setting values which adjust the screen to the optimum condition can be different from the initial setting values.**

(3) Make sure that connection is correctly made AC to AC power source.

(4) Turn on the power of the TV and measuring instruments for warning up for at least 30 minutes before starting adjustments.

(5) If the receive or input signal is not specified, use the most appropriate signal for adjustment.

(6) Never touch the parts (such as variable resistors, transformers and condensers) not shown in the adjustment items of this service adjustment.

## 4.2 PRESET SETTING BEFORE ADJUSTMENTS

Unless otherwise specified in the adjustment items, preset the following functions with the REMOTE CONTROL UNIT.

| Setting item | Settings |
|---|---|
| VIDEO STATUS | STANDARD |
| BRIGHT / CONTRAST / COLOR / TINT | 00 |
| COLOR TEMPERATURE | LOW |
| DIG. NOISE CLEAR | OFF |
| COLOR MANAGEMENT | ON |
| NATURAL CINEMA | OFF |
| TREBLE / BASS / BALANCE | 00 |
| SMART SOUND | OFF |
| MTS | STEREO |
| BBE | OFF |
| A.H.S | OFF |
| A.H.B | OFF |
| ASPECT | FULL |

## 4.3 MEASURING INSTRUMENT AND FIXTURES

- Oscilloscope
- Signal generator (Pattern generator)
  [NTSC / 525i / 525p / 750p / 1125i]
- TV audio multiplex signal generator
- Remote control unit

## 4.4 ADJUSTMENT ITEMS

### ■ VIDEO CIRCUIT

- 525i A-D OFFSET adjustment
- 1125i BRIGHTNESS adjustment
- 1125i A-D OFFSET adjustment
- SUB SCREEN A-D OFFSET adjustment
- WHITE BALANCE (HIGHLIGHT) adjustment

### ■ MTS CIRCUIT

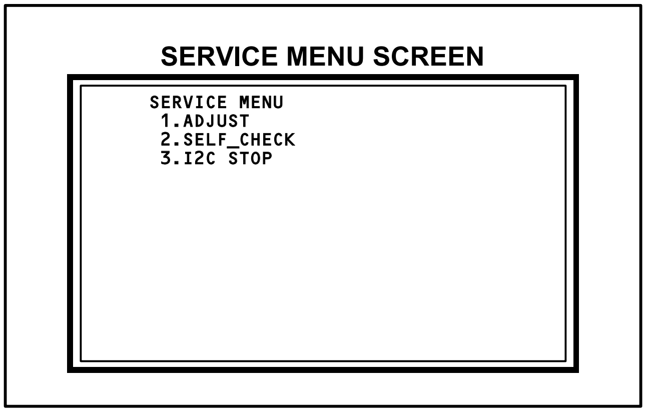
- MTS INPUT LEVEL adjustment
- MTS SEPARATION adjustment

## 4.5 BASIC OPERATION OF SERVICE MODE

### 4.5.1 HOW TO ENTER THE SERVICE MODE

(1) Set to 0 minutes using the **[SLEEP TIMER]** key.

(2) Press the **[VIDEO STATUS]** key and **[DISPLAY]** key simultaneously, then enter the SERVICE MODE (Fig.1)



**SERVICE MENU SCREEN**

```
SERVICE MENU
 1.ADJUST
 2.SELF_CHECK
 3.I2C STOP
```

Fig.1

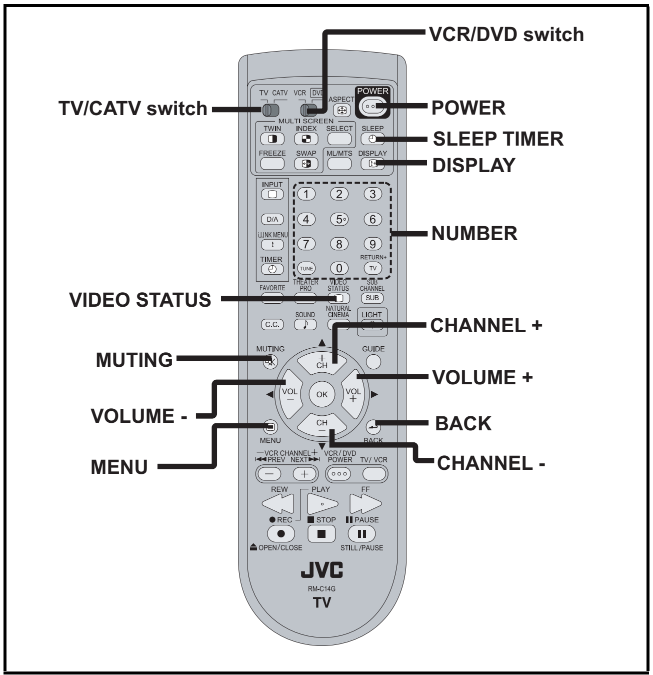
**NOTE:**

- Before entering the SERVICE MODE, confirm that the setting of **TV/CATV** switch of the REMOTE CONTROL UNIT is at the "TV" side and the setting of **VCR/DVD** switch is at the "**VCR**" side. If the switches have not been properly set, you cannot enter the SERVICE MODE.
- When a number key other than the **[1]** keys is pressed in the SERVICE MENU SCREEN, the other relevant screen may be displayed.
  This is not used in the adjustment procedure. Press the **[MENU]** key to return to the SERVICE MENU SCREEN.

### 4.5.2 HOW TO EXIT THE SERVICE MODE

Press the [ BACK ] key to exit the Service mode.

### 4.5.3 SERVICE MODE SELECT KEY LOCATION



### 4.5.4 ADJUSTMENT MODE

This mode is used to adjust the VIDEO CIRCUIT and the MTS CIRCUIT.

### 4.5.4.1 HOW TO ENTER THE ADJUSTMENT MODE

When the SERVICE MENU SCREEN of SERVICE MODE is displayed, press **[1]** key to enter the **ADJUSTMENT MODE (Fig.2)**.

### 4.5.4.2 DESCRIPTION OF STATUS DISPLAY OF ADJUSTMENT MODE

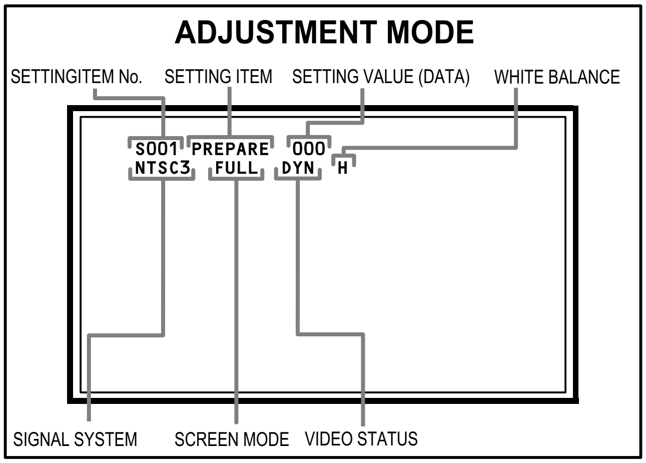


Fig.2

**(1) SIGNAL SYSTEM**

The signal displayed on the screen is displayed.

NTSC3 : 525i (Composite / S-video input)
525I : 525i (Component input)
525P : 525p
1125I6 : 1125i
750P : 750p
H525I : HDMI 525i
H525P : HDMI 525p
H1125I6 : HDMI 1125i
H750P : HDMI 750p
D525I : Digital 525i
D525P : Digital 525p
D1125I6 : Digital 1125i

**(2) SCREEN MODE**

State of the SCREEN SIZE or MULTI PICTURE is displayed.

**SINGLE SCREEN**

FULL : FULL
1609 : CINEMA, CINEMA ZOOM
PANO : PANORAMA, HD PANORAMA
REGU : REGULAR

**MULTI SCREEN**

M2 : TWIN, FREEZE screen
M12 : INDEX screen

**(3) VIDEO STATUS**

STD : STANDARD
DYN : DYNAMIC
TH : THEATER
GAME : GAME

**(4) WHITE BALANCE**

H : HIGH
L : LOW

**(5) SETTING ITEM NAME**

Setting item name are displayed. The setting item numbers to be displayed are listed below.

| Item No. | Setting item |
|---|---|
| S001 - S039 | Video system setting |
| T001 - T010 | Audio system setting |
| P001 - P010 | Panel control system setting |
| D001 - D187 | Drive system setting |
| Z001 - Z010 | Main CPU system setting |

**(6) SETTING ITEM NO.**

Setting item numbers are displayed. For the setting item names to be displayed, refer to "Initial setting value of adjustment mode".

**(7) SETTING VALUE (DATA)**

The SETTING VALUE is displayed.

### 4.5.4.3 CHANGE AND MEMORY OF SETTING VALUE

**■SELECTION OF SETTING ITEM**

- **[CH+]** / **[CH-]** key.
  Change the setting items up/ down.

S001... ↔ T001... ↔ P001... ↔ D001... ↔ Z001...

- **[SLEEP TIMER]** key.
  Switches to the next items.

S001 → T001 → P001 → D001 → Z001

**■CHANGE OF SETTING VALUE (DATA)**

- **[VOL+]** / **[VOL-]** key.
  Change the setting values up/down.

**■MEMORY OF SETTING VALUE (DATA)**

Changed setting value is memorized by pressing **[MUTING]** key.

## 4.6 INITIAL SETTING VALUES IN THE SERVICE MODE

- Perform fine-tuning based on the "initial values" using the remote control when in the Service mode.
- The "initial values" serve only as an indication rough standard and therefore the values with which optimal display can be achieved may be different from the default values. But, don't change the values that are not written in "ADJUSTMENT PROCEDURE". They are fixed values.

### 4.6.1 VIDEO SYSTEM SETTING

| Item No. | Item name | Variable range | Setting value |
|---|---|---|---|
| S001 | PREPARE | 000 - 031 | 000 |
| S002 | NTSC BL | 000 - 015 | 000 |
| S003 | NTSC CNT | 000 - 255 | 053 |
| S004 | NT CR OF | 000 - 015 | 006 |
| S005 | NT CB OF | 000 - 015 | 006 |
| S006 | 525i BL | 000 - 015 | 000 |
| S007 | 525i CNT | 000 - 255 | 053 |
| S008 | 5i CB OF | 000 - 015 | 000 |
| S009 | 5i CR OF | 000 - 015 | 000 |
| S010 | 5i CR GN | 000 - 015 | 006 |
| S011 | 5i CB GN | 000 - 015 | 006 |
| S012 | HD BL | 000 - 063 | 000 |
| S013 | HD CB OF | 000 - 063 | 058 |
| S014 | HD CR OF | 000 - 063 | 056 |
| S015 | RT CONT | 000 - 015 | 007 |
| S016 | RT CB OF | 000 - 015 | 004 |
| S017 | RT CR OF | 000 - 015 | 004 |
| S018 | RT CL GA | 000 - 015 | 012 |
| S019 | PC CL MB | 000 - 007 | 000 |
| S020 | PC CL LB | 000 - 031 | 000 |
| S021 | PC CL MR | 000 - 071 | 000 |
| S022 | PC CL LR | 000 - 031 | 000 |
| S023 | (Not display) | 000 - 255 | 000 |
| S024 | (Not display) | 000 - 255 | 000 |
| S025 | (Not display) | 000 - 255 | 000 |
| S026 | (Not display) | 000 - 255 | 000 |
| S027 | (Not display) | 000 - 255 | 000 |
| S028 | (Not display) | 000 - 255 | 000 |
| S029 | (Not display) | 000 - 255 | 000 |
| S030 | R DRIVE | 000 - 255 | 130 |
| S031 | G DRIVE | 000 - 255 | 133 |
| S032 | B DRIVE | 000 - 255 | 114 |
| S033 | (Not display) | 000 - 255 | 000 |
| S034 | (Not display) | 000 - 255 | 000 |
| S035 | (Not display) | 000 - 255 | 000 |
| S036 | (Not display) | 000 - 255 | 000 |
| S037 | (Not display) | 000 - 255 | 000 |
| S038 | (Not display) | 000 - 255 | 000 |
| S039 | ILA COM | +00 - +01 | +00 |

### 4.6.2 AUDIO SYSTEM SETTING

| Item No. | Item name | Variable range | Setting value |
|---|---|---|---|
| T001 | IN LEVEL | 000 - 255 | 009 |
| T002 | LOW SEP | 000 - 255 | 033 |
| T003 | HIGH SEP | 000 - 255 | 024 |
| T004 | AFC | 000 - 255 | +00 |
| T005 | (Not display) | 000 - 255 | 00 |
| T006 | ATT V ON | 000 - 001 | 000 |
| T007 | ATT U ON | 000 - 001 | 000 |
| T008 | ATT C ON | 000 - 001 | 000 |
| T009 | (Not display) | 000 - 255 | 000 |
| T010 | (Not display) | 000 - 255 | 000 |

### 4.6.3 PANEL CONTROL SYSTEM SETTING (*Fixed values)

| Item No. | Item name | Variable range | Setting value |
|---|---|---|---|
| P001 | TM HOR H | 00 - FF | 00 |
| P002 | TM HOR L | 00 - FF | 00 |
| P003 | TM MIN | 00 - FF | 00 |
| P004 | TEMP0 | 000 - 255 | 000 |
| P005 | (Not display) | 000 - 255 | 000 |
| P006 | (Not display) | 000 - 255 | 000 |
| P007 | (Not display) | 000 - 255 | 000 |
| P008 | (Not display) | 000 - 255 | 000 |
| P009 | (Not display) | 000 - 255 | 000 |
| P010 | (Not display) | 000 - 255 | 000 |

### 4.6.4 DRIVE SYSTEM SETTING (*Fixed values)

| Item No. | Item name | Variable range | Setting value |
|---|---|---|---|
| D001 | SLV GN | 00 - 3F | 18 |
| D002 | SLVH GN | 00 - 3F | 18 |
| D003 | SLH GN | 00 - 3F | 18 |
| D004 | SLV Pf | 00 - 03 | 01 |
| D005 | SLH Pf H | 00 - 01 | 01 |
| D006 | SLH Pf L | 00 - 03 | 01 |
| D007 | SL EGCON | 00 - 3F | 04 |
| D008 | SL EGONF | 00 - 01 | 01 |
| D009 | SL CRGON | 00 - 3F | 06 |
| D010 | SL CRGON | 00 - 01 | 01 |
| D011 | SL ON OF | 00 - 01 | 01 |
| D012 | SV GN | 00 - 3F | 24 |
| D013 | SVH GN | 00 - 3F | 25 |
| D014 | SH GN | 00 - 3F | 28 |
| D015 | SV Pf | 00 - 03 | 01 |
| D016 | SV PfH | 00 - 01 | 01 |

| Item No. | Item name | Variable range | Setting value |
|---|---|---|---|
| D017 | SV PfL | 00 - 03 | 01 |
| D018 | SYL CON | 00 - 3F | 20 |
| D019 | SYL CONF | 00 - 01 | 01 |
| D020 | SYH CON | 00 - 3F | 00 |
| D021 | SYH CONF | 00 - 01 | 01 |
| D022 | SC CON | 00 - 3F | 10 |
| D023 | SC CNONF | 00 - 01 | 01 |
| D024 | SPM BLC | 00 - 3F | 02 |
| D025 | SPM BLCO | 00 - 01 | 01 |
| D026 | SLIM | 00 - 3F | 28 |
| D027 | SLIMONF | 00 - 01 | 01 |
| D028 | SCRG | 00 - 3F | 10 |
| D029 | SRGONF | 00 - 01 | 01 |
| D030 | S ONF | 00 - 01 | 01 |
| D031 | pb GN | 00 - 3F | 15 |
| D032 | pb PfH | 00 - 01 | 01 |
| D033 | pb PfL | 00 - 03 | 00 |
| D034 | pb CRG | 00 - 3F | 10 |
| D035 | pb CRGON | 00 - 01 | 01 |
| D036 | pb ONF | 00 - 01 | 01 |
| D037 | pr GN | 00 - 3F | 15 |
| D038 | pr PfH | 00 - 01 | 01 |
| D039 | pr PfL | 00 - 03 | 00 |
| D040 | pr CRG | 00 - 3F | 10 |
| D041 | pr CRGON | 00 - 01 | 01 |
| D042 | pr ONF | 00 - 01 | 01 |
| D043 | ENH ONF | 00 - 01 | 01 |
| D044 | (Not display) | 00 - FF | 00 |
| D045 | (Not display) | 00 - FF | 00 |
| D046 | (Not display) | 00 - FF | 00 |
| D047 | (Not display) | 00 - FF | 00 |
| D048 | (Not display) | 00 - FF | 00 |
| D049 | (Not display) | 00 - FF | 00 |
| D050 | (Not display) | 00 - FF | 00 |
| D051 | (Not display) | 00 - FF | 00 |
| D052 | (Not display) | 00 - FF | 00 |
| D053 | (Not display) | 00 - FF | 00 |
| D054 | (Not display) | 00 - FF | 00 |
| D055 | (Not display) | 00 - FF | 00 |
| D056 | (Not display) | 00 - FF | 00 |
| D057 | (Not display) | 00 - FF | 00 |
| D058 | (Not display) | 00 - FF | 00 |
| D059 | (Not display) | 00 - FF | 00 |
| D060 | (Not display) | 00 - FF | 00 |
| D061 | (Not display) | 00 - FF | 00 |
| D062 | (Not display) | 00 - FF | 00 |

| Item No. | Item name | Variable range | Setting value |
|---|---|---|---|
| D063 | (Not display) | 00 - FF | 00 |
| D064 | (Not display) | 00 - FF | 00 |
| D065 | (Not display) | 00 - FF | 00 |
| D066 | (Not display) | 00 - FF | 00 |
| D067 | (Not display) | 00 - FF | 00 |
| D068 | (Not display) | 00 - FF | 00 |
| D069 | (Not display) | 00 - FF | 00 |
| D070 | (Not display) | 00 - FF | 00 |
| D071 | (Not display) | 00 - FF | 00 |
| D072 | (Not display) | 00 - FF | 00 |
| D073 | (Not display) | 00 - FF | 00 |
| D074 | (Not display) | 00 - FF | 00 |
| D075 | (Not display) | 00 - FF | 00 |
| D076 | (Not display) | 00 - FF | 00 |
| D077 | (Not display) | 00 - FF | 00 |
| D078 | (Not display) | 00 - FF | 00 |
| D079 | (Not display) | 00 - FF | 00 |
| D080 | (Not display) | 00 - FF | 00 |
| D081 | (Not display) | 00 - FF | 00 |
| D082 | (Not display) | 00 - FF | 00 |
| D083 | (Not display) | 00 - FF | 00 |
| D084 | (Not display) | 00 - FF | 00 |
| D085 | (Not display) | 00 - FF | 00 |
| D086 | (Not display) | 00 - FF | 00 |
| D087 | (Not display) | 00 - FF | 00 |
| D088 | (Not display) | 00 - FF | 00 |
| D089 | (Not display) | 00 - FF | 00 |
| D090 | (Not display) | 00 - FF | 00 |
| D091 | (Not display) | 00 - FF | 00 |
| D092 | (Not display) | 00 - FF | 00 |
| D093 | (Not display) | 00 - FF | 00 |
| D094 | (Not display) | 00 - FF | 00 |
| D095 | (Not display) | 00 - FF | 00 |
| D096 | (Not display) | 00 - FF | 00 |
| D097 | (Not display) | 00 - FF | 00 |
| D098 | (Not display) | 00 - FF | 00 |
| D099 | (Not display) | 00 - FF | 00 |
| D101 | (Not display) | 00 - FF | 00 |
| D102 | (Not display) | 00 - FF | 00 |
| D103 | (Not display) | 00 - FF | 00 |
| D104 | (Not display) | 00 - FF | 00 |
| D105 | (Not display) | 00 - FF | 00 |
| D106 | (Not display) | 00 - FF | 00 |
| D107 | (Not display) | 00 - FF | 00 |
| D108 | (Not display) | 00 - FF | 00 |
| D109 | (Not display) | 00 - FF | 00 |

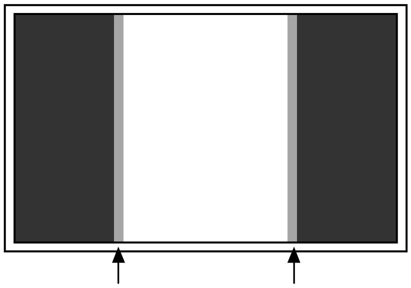
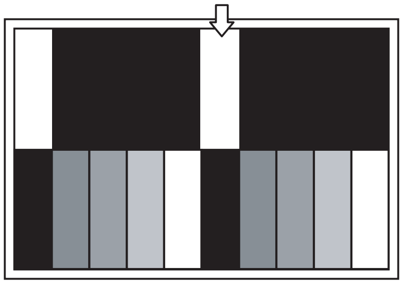
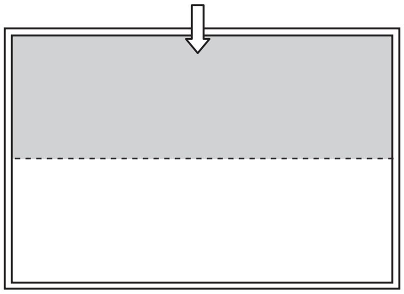
| Item No. | Item name | Variable range | Setting value |
|---|---|---|---|
| D110 | (Not display) | 00 - FF | 00 |
| D111 | (Not display) | 00 - FF | 00 |
| D112 | (Not display) | 00 - FF | 00 |
| D113 | (Not display) | 00 - FF | 00 |
| D114 | (Not display) | 00 - FF | 00 |
| D115 | (Not display) | 00 - FF | 00 |
| D116 | (Not display) | 00 - FF | 00 |
| D117 | (Not display) | 00 - FF | 00 |
| D118 | (Not display) | 00 - FF | 00 |
| D119 | (Not display) | 00 - FF | 00 |
| D120 | (Not display) | 00 - FF | 00 |
| D121 | (Not display) | 00 - FF | 00 |
| D122 | (Not display) | 00 - FF | 00 |
| D123 | (Not display) | 00 - FF | 00 |
| D124 | (Not display) | 00 - FF | 00 |
| D125 | (Not display) | 00 - FF | 00 |
| D126 | (Not display) | 00 - FF | 00 |
| D127 | (Not display) | 00 - FF | 00 |
| D128 | (Not display) | 00 - FF | 00 |
| D129 | (Not display) | 00 - FF | 00 |
| D130 | (Not display) | 00 - FF | 00 |
| D131 | (Not display) | 00 - FF | 00 |
| D132 | (Not display) | 00 - FF | 00 |
| D133 | (Not display) | 00 - FF | 00 |
| D134 | (Not display) | 00 - FF | 00 |
| D135 | (Not display) | 00 - FF | 00 |
| D136 | (Not display) | 00 - FF | 00 |
| D137 | (Not display) | 00 - FF | 00 |
| D138 | (Not display) | 00 - FF | 00 |
| D139 | (Not display) | 00 - FF | 00 |
| D140 | (Not display) | 00 - FF | 00 |
| D141 | (Not display) | 00 - FF | 00 |
| D142 | (Not display) | 00 - FF | 00 |
| D143 | (Not display) | 00 - FF | 00 |
| D144 | (Not display) | 00 - FF | 00 |
| D145 | (Not display) | 00 - FF | 00 |
| D146 | (Not display) | 00 - FF | 00 |
| D147 | (Not display) | 00 - FF | 00 |
| D148 | (Not display) | 00 - FF | 00 |
| D149 | (Not display) | 00 - FF | 00 |
| D150 | (Not display) | 00 - FF | 00 |
| D151 | (Not display) | 00 - FF | 00 |
| D152 | (Not display) | 00 - FF | 00 |
| D153 | (Not display) | 00 - FF | 00 |
| D154 | (Not display) | 00 - FF | 00 |
| D155 | (Not display) | 00 - FF | 00 |
| D156 | (Not display) | 00 - FF | 00 |
| D157 | (Not display) | 00 - FF | 00 |
| D158 | (Not display) | 00 - FF | 00 |
| D159 | (Not display) | 00 - FF | 00 |
| D160 | (Not display) | 00 - FF | 00 |
| D161 | (Not display) | 00 - FF | 00 |
| D162 | (Not display) | 00 - FF | 00 |
| D163 | (Not display) | 00 - FF | 00 |
| D164 | (Not display) | 00 - FF | 00 |
| D165 | (Not display) | 00 - FF | 00 |
| D166 | (Not display) | 00 - FF | 00 |
| D167 | (Not display) | 00 - FF | 00 |
| D168 | (Not display) | 00 - FF | 00 |
| D169 | (Not display) | 00 - FF | 00 |
| D170 | (Not display) | 00 - FF | 00 |
| D171 | (Not display) | 00 - FF | 00 |
| D172 | (Not display) | 00 - FF | 00 |
| D173 | (Not display) | 00 - FF | 00 |
| D174 | (Not display) | 00 - FF | 00 |
| D175 | (Not display) | 00 - FF | 00 |
| D176 | (Not display) | 00 - FF | 00 |
| D177 | (Not display) | 00 - FF | 00 |
| D178 | (Not display) | 00 - FF | 00 |
| D179 | (Not display) | 00 - FF | 00 |
| D180 | (Not display) | 00 - FF | 00 |
| D181 | (Not display) | 00 - FF | 00 |
| D182 | (Not display) | 00 - FF | 00 |
| D183 | (Not display) | 00 - FF | 00 |
| D184 | (Not display) | 00 - FF | 00 |
| D185 | (Not display) | 00 - FF | 00 |
| D186 | (Not display) | 00 - FF | 00 |
| D187 | (Not display) | 00 - FF | 00 |

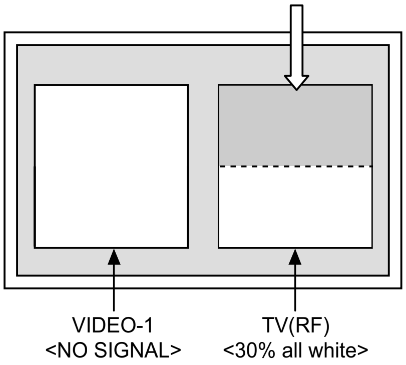
### 4.6.5 MAIN CPU SYETEM SETTING (*Fixed values)

| Item No. | Item name | Variable range | Setting value |
|---|---|---|---|
| Z001 | (Not display) | 00 - FF | 00 |
| Z002 | (Not display) | 00 - FF | 00 |
| Z003 | (Not display) | 00 - FF | 00 |
| Z004 | (Not display) | 00 - FF | 00 |
| Z005 | (Not display) | 00 - FF | 00 |
| Z006 | (Not display) | 00 - FF | 00 |
| Z007 | (Not display) | 00 - FF | 00 |
| Z008 | (Not display) | 00 - FF | 00 |
| Z009 | (Not display) | 00 - FF | 00 |
| Z010 | (Not display) | 00 - FF | 00 |

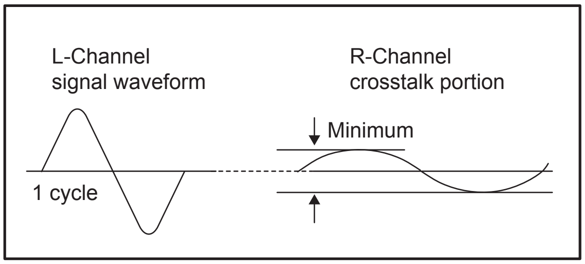
## 4.7 ADJUSTMENT PROCEDURE

### 4.7.1 VIDEO CIRCUIT

| Item | Measuring instrument | Test point | Adjustment part | Description |
|---|---|---|---|---|
| **525i**<br>**A-D OFFSET**<br><br>Disappears the color at both ends. | Remote control unit<br>Signal generator | | [1.ADJUST]<br>S001: PREPARE<br>(Adjustment setting mode change)<br>S008: 5i CB OF(525i cb offset)<br>S009: 5i CR OF(525i cr offset)<br>S030: R DRIVE(Red drive)<br>S031: G DRIVE(Green drive)<br>S032: B DRIVE(Blue drive) | (1) Receive a 525i component ramp pattern signal.<br>(2) Set "VIDEO STATUS" to **"STANDARD"**.<br>(3) Set "ASPECT" to **"FULL"**.<br>(4) Set "COLOR TEMPERATURE" to **"LOW"**.<br>(5) Select **"1.ADJUST"** from the SERVICE MODE.<br>(6) Set **< S030 >** (R DRIVE), **< S031>** (G DRIVE) and **< S032 >** (B DRIVE) to **"133"**.<br>(7) Set **< S001 >** (adjustment setting mode change) to set **"008"** and it change to the 525i A-D offset adjustment setting mode.<br>(8) Adjust **< S008 >** (525i Cb offset) and **< S009 >** (525i Cr offset) to lose the gap (red line, green line and blue line) which appears at both ends of a white part at the center of the screen.<br>(9) Set **< S001 >** to set **"000"** and it change to the normal mode.<br>(10) Press the **[MUTING]** key to memoirze the set value. |
| **1125i**<br>**BRIGHTNESS**<br>Set the 0% black part to be brightest.<br> | Remote control unit<br>Signal generator | | [1.ADJUST]<br>S001: PREPARE<br>(Adjustment setting mode change)<br>S012: HD BL(1125i brightness)<br>S030: R DRIVE(Red drive)<br>S031: G DRIVE(Green drive)<br>S032: B DRIVE(Blue drive) | (1) Receive a 1125i gray scale pattern signal .<br>(2) Set "VIDEO STATUS" to **"STANDARD"**.<br>(3) Set "ASPECT" to **"FULL"**.<br>(4) Set "COLOR TEMPERATURE" to **"LOW"**.<br>(5) Select **"1.ADJUST"** from the SERVICE MODE.<br>(6) Set **< S030 >** (R DRIVE), **< S031>** (G DRIVE) and **< S032 >** (B DRIVE) to **"133"**.<br>(7) Set **< S001 >** (adjustment setting mode change) to set the values **"012"** and it change to the 1125i black level adjustment setting mode.<br>(8) Adjust **< S012 >** (1125i brightness) to set the 0% black part in the upper half of the screen to be brightest.<br>(9) Set **< S001 >** to set **"000"** and it change to the normal mode.<br>(10) Press the **[MUTING]** key to memoirze the set value. |
| **1125i**<br>**A-D OFFSET**<br>Minimize the red and blue noises in the upper half of the screen.<br> | Remote control unit<br>Signal generator | | [1.ADJUST]<br>S001: PREPARE<br>(Adjustment setting mode change)<br>S013: HD CB OF(1125i cb offset)<br>S014: HD CR OF(1125i cr offset)<br>S030: R DRIVE(Red drive)<br>S031: G DRIVE(Green drive)<br>S032: B DRIVE(Blue drive) | (1) Receive a 1125i 30% all white pattern signal.<br>(2) Set "VIDEO STATUS" to **"STANDARD"**.<br>(3) Set "ASPECT" to **"FULL"**.<br>(4) Set "COLOR TEMPERATURE" to **"LOW"**.<br>(5) Select **"1.ADJUST"** from the SERVICE MODE.<br>(6) Set **< S030 >** (R DRIVE), **< S031>** (G DRIVE) and **< S032 >** (B DRIVE) to **"133"**.<br>(7) Set **< S001 >** (adjustment setting mode change) to set **"013"** and it change to the 1125i A-D offset adjustment setting mode.<br>(8) Adjust **< S013 >** (1125i Cb offset) to minimize the blue noise in the upper half of the screen.<br>(9) Adjust **< S014 >** (1125i Cr offset) to minimize the blue noise in the upper half of the screen.<br>(10) Set **< S001 >** to set **"000"** and it change to the normal mode.<br>(11) Press the **[MUTING]** key to memoirze the set value. |

| Item | Measuring instrument | Test point | Adjustment part | Description |
|---|---|---|---|---|
| **SUB SCREEN A-D OFFSET** | Remote control unit<br>Signal generator | | [1.ADJUST]<br>S001: PREPARE<br>(Adjustment setting mode change)<br>S016: RT CB OF<br>(Sub screen cb offset)<br>S017: RT CR OF<br>(Sub screen cr offset)<br>S030: R DRIVE(Red drive)<br>S031: G DRIVE(Green drive)<br>S032: B DRIVE(Blue drive) | (1) Set "VIDEO STATUS" to **"STANDARD"**.<br>(2) Set "ASPECT" to **"FULL"**.<br>(3) Set "COLOR TEMPERATURE" to **"LOW"**.<br>(4) Set "MULTI SCREEN" to **"TWIN"**.<br>(5) Receive a NTSC 30% all white pattern signal on the Right screen. At the same time, set the Left screen in VIDEO-1 mode (No signal).<br>(6) Select **"1.ADJUST"** from the SERVICE MODE.<br>(7) Set **< S030 >** (R DRIVE), **< S031>** (G DRIVE) and **< S032 >** (B DRIVE) to **"133"**.<br>(8) Set **< S001 >** (adjustment setting mode change) to set **"017"** and it change to the sub screen A-D offset adjustment setting mode.<br>(9) Adjust **< S016 >** (Sub screen cb offset) to minimize the blue noise in the upper half of the screen.<br>**If you select an adjustment item < S016 >, then the screen automatically turn to twin pictures mode.**<br>(10) Adjust **< S017 >** (Sub screen cr offset) to minimize the red noise in the upper half of the screen.<br>(11) Readjust **< S016 >** and **< S017 >** to set the upper half of the screen to be the blackest. (See Fig.9)<br>(12) Set **< S001 >** to set **"000"** and it change to the normal mode.<br>(13) Press the **[MUTING]** key to memoirze the set value. |
| Set the 0% block part to be brightest.<br><br> | | | | |
| **WHITE BALANCE (HIGHLIGHT)** | Remote control unit<br>Signal generator | | [1.ADJUST]<br>S030: R DRIVE (Red drive)<br>S031: G DRIVE (Green drive)<br>S032: B DRIVE (Blue drive) | (1) Receive a NTSC 75% all white signal.<br>(2) Set "VIDEO STATUS" to **"STANDARD"**.<br>(3) Set "ASPECT" to **"FULL"**.<br>(4) Select "COLOR TEMPERATURE" to **"LOW"**.<br>(5) Select **"1.ADJUST"** from the SERVICE MODE.<br>(6) Adjust to keep one of **< S030 >** (Red drive), **< S031 >** (Green drive) or **< S032 >** (Blue drive) unchanged, then lower the other two so that the all-white screen is equally white throughout.<br>**NOTE:**<br>Set one or more of **< S030 >**, **< S031 >**, and **< S032 >** to **"133"**.<br>(7) Check that white balance is properly tracked from low light to high light. If the white balance tracking is deviated, adjust to correct it.<br>(8) Press the **[MUTING]** key to memoirze the set value. |

### 4.7.2 MTS CIRCUIT

| Item | Measuring instrument | Test point | Adjustment part | Description |
|---|---|---|---|---|
| **MTS INPUT LEVEL** | Remote control unit |  | [1.ADJUST]<br>T001: IN LEVEL | (1) Receive the any broadcast.<br>(2) Select **"1.ADJUST"** from the SERVICE MODE.<br>(3) Verify that the **< T001 >** (IN LEVEL) is set at its initial setting value.<br>(4) Press the **[MUTING]** key to memorize the set value. |
| **MTS SEPARATION** | TV audio multiplex signal generator<br>Oscilloscope<br>Remote control unit | L OUT<br>R OUT | [1.ADJUST]<br>T002: LOW SEP<br>T003: HI SEP | (1) Input the stereo L signal (300Hz) from the TV audio multiplex signal generator to the antenna terminal.<br>(2) Connect an oscilloscope to **L OUT** pin of the **AUDIO OUT**, and display one cycle portion of the 300Hz signal.<br>(3) Change the connection of the oscilloscope to R OUT pin of the **AUDIO OUT**, and enlarge the voltage axis.<br>(4) Select **"1.ADJUST"** from the SERVICE MODE.<br>(5) Set the initial setting value of the **< T002 >** (LOW SEP).<br>(6) Adjust the **< T002 >** so that the stroke element of the 300Hz signal will become minimum.<br>(7) Change the signal to 3kHz, and similarly adjust the **< T003>** (HI SEP).<br>(8) Press the **[MUTING]** key to memorize the set value. |
|  L-Channel signal waveform<br>R-Channel crosstalk portion<br>Minimum<br>1 cycle |  |  |  |  |

# SECTION 5
# TROUBLESHOOTING

## 5.1 SELF CHECK FEATURE

### 5.1.1 OUTLINE

This unit comes with the "Self check" feature, which checks the operational state of the circuit and displays/saves it during failure.Diagnosis is performed when power is turned on, and information input to the main microcomputer is monitored at all time.Diagnosis is displayed in 2 ways via screen display and LED flashes. Failure detection is based on input state of I$^2$C bus and the various control lines connected to the main microcomputer.

### 5.1.2 HOW TO ENTER THE SELF CHECK MODE

Before entering the Self check Display mode, confirm that the setting of **TV/CATV** SW of the REMOTE CONTROL UNIT is at the "TV" side and the setting of VCR/DVD SW is at the "VCR" side. If the switches have not been properly set, you cannot enter the Self check Display mode.

(1) Set to "**0 minutes**" using the **[SLEEP TIMER]** key.
(2) Press the **[VIDEO STATUS]** key and **[DISPLAY]** key simultaneously, then enter the service mode.
(3) Press the **[2]** key (SELF_CHECK) before the service mode screen disappears.
(4) Press the **[SLEEP TIMER]** key to enter Page 2 of the SELF CHECK MODE.
  - When the **[RETURN+]** key pressed, the first page change screen.

**NOTE:**

When a number key other than the **[2]** key is pressed in the SERVICE MENU SCREEN, the other relevant screen may be displayed.
This is not used in the SELF CHECK. Press the **[MENU]** key to return to the SERVICE MENU SCREEN.

### 5.1.3 HOW TO EXIT THE SELF CHECK MODE

**TO SAVE FAILURE HISTORY:**

Turn off the power by unplugging the AC power cord plug when in the Self check display mode.

**TO CLEAR (RESET) FAILURE HISTORY:**

Turn off the power by pressing the **[POWER]** key on the remote control unit when in the Self check display mode.

### 5.1.4 FAILURE HISTORY

Failure history can be counted up to 9 times for each item. When the number exceeds 9, display will remain as 9. Failure history will be stored in the memory unless it has been deleted.

**NOTE:**

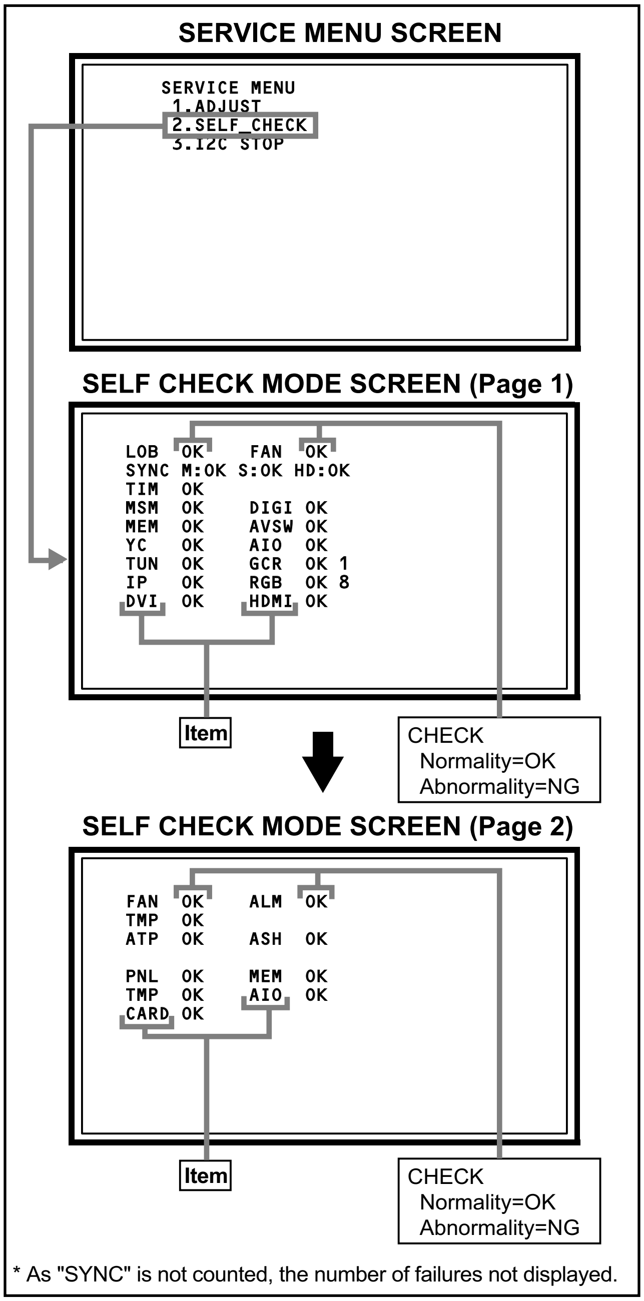
Only SYNC (with/without sync signals) will be neither counted nor stored.

### 5.1.5 POINTS TO NOTE WHEN USING THE SELF CHECK FEATURE

In addition to circuit failures (abnormal operation), the following cases may also be iagnosed as "Abnormal" and displayed and counted as "NG".

(1) Temporary defective transmissions across circuits due to pulse interruptions
(2) Misalignment in the on/off timing of power for I$^2$C bus (VCC) when turning on/off the main power.

Diagnosis may be impeded if a large number of items are displayed as "NG". As such, start Self check check only after 3 seconds in the case of receivers and 5 seconds in the case of panels upon turning on the power. If recurrences are expected, ensure to clear (reset) the failure history and record the new diagnosis reults.



```
SERVICE MENU
 1.ADJUST
 2.SELF_CHECK
 3.I2C STOP
```

```
LOB  OK    FAN  OK
SYNC M:OK S:OK HD:OK
TIM  OK
MSM  OK    DIGI OK
MEM  OK    AVSW OK
YC   OK    AIO  OK
TUN  OK    GCR  OK 1
IP   OK    RGB  OK 8
DVI  OK    HDMI OK
```

```
FAN  OK    ALM  OK
TMP  OK
ATP  OK    ASH  OK

PNL  OK    MEM  OK
TMP  OK    AIO  OK
CARD OK
```

* As "SYNC" is not counted, the number of failures not displayed.

Fig.1

### 5.1.6 DETAILS

Self check is performed for the following items:

**< Page 1 of screen >**

| Detection item | Display | Detection content | Diagnosis signal (line) | Detection timing |
|---|---|---|---|---|
| Low bias line short protection | LOB | Confirm the operation of the low bais (5V / 9V) protection circuit.<br>Q9801, Q9802 **[REGULATOR PWB]** | LB_PRO | Detection starts 3 seconds after the power is turned on.<br>If error continues between 400ms the power is turned off. |
| Fan lock | FAN | Not used. | --- | --- |
| Presence of sync signal | SYNC | Confirmation of presence of video sync signal.<br>M : Main sync signal<br>S : Sub sync signal<br>HD : Component sync signal<br>IC201 **[ANALOG SIGNAL PWB]** | SDA | Confirmation of presence of sync signal in video signal. |
| AC power input | TIM | Not used. | --- | --- |
| Main CPU communication | MSM | Confirmation of ACK (response) signal which uses sync communications with Chassis CPU.<br>IC7601 **[DIGITAL SIGNAL PWB]** | WAKE | If it checks whenever sync communication with SHM performed and no reply of ACK signal an error will be counted. |
| Digital tuner | DIG | Not used. | --- | --- |
| Main memory | MEM | Confirmation of reply of ACK signal which uses I$^2$C communication.<br>IC7602 **[DIGITAL SIGNAL PWB]** | SDA | If it checks whenever I$^2$C communication is performed and no reply of ACK signal an error will be counted. |
| AV select switch | AVSW | Same as above.<br>IC301, IC501 **[ANALOG SIGNAL PWB]** | SDA | Same as above. |
| 3 dimensions YC separator | YC | Same as above.<br>IC1001 **[DIGITAL SIGNAL PWB]** | SDA | Same as above. |
| Multi sound process | AIO | Same as above.<br>IC1140 **[RECEIVER PWB]** | SDA | Same as above. |
| RF tuner | TUN | Same as above.<br>TU3001 **[RECEIVER PWB]** | SDA | Same as above. |
| Ghost reduction | GCR | Not used. | --- | --- |
| DIST process | IP | Confirmation of reply of ACK signal which uses I$^2$C communication.<br>IC3001 **[DIGITAL SIGNAL PWB]** | SDA | If it checks whenever I$^2$C communication is performed and no reply of ACK signal an error will be counted. |
| RGB process | RGB | Not used. | --- | --- |
| DVI (Digital communication) | DVI | Not used. | --- | --- |
| Digital input | HDMI | Confirmation of reply of ACK signal which uses I$^2$C communication. | SDA | If it checks whenever I$^2$C communication is performed and no reply of ACK signal an error will be counted. |

**< Page 2 of screen >**

| Detection item | Display | Detection content | Diagnosis signal (line) | Detection timing |
|---|---|---|---|---|
| Fan lock | FAN | Not used. | --- | --- |
| Abnormal of operation of PANEL | ALM | Not used. | --- | --- |
| Abnormal rise oftemperature in PANEL | TMP | Not used. | --- | --- |
| Abnormal rise of temperature in AUDIO PWB | ATP | Not used. | --- | --- |
| Short circuit detection of AUDIO PWB | ASH | Not used. | --- | --- |
| Panel communication | PNL | Not used. | --- | --- |
| Sub memory | MEM | Not used. | --- | --- |
| Temp. sensor | TMP | Not used. | --- | --- |
| Audio control | AIO | Not used. | --- | --- |

### 5.1.7 METHOD OF DISPLAY WHEN A RASTER IS NOT OUTPUT

In the state where a raster is not output by breakdown of the set, an error is displayed by blink of the POWER LED.

| Type of error | Display | POWER LED flash cycle |
|---|---|---|
| Low bias line short protection | LOB | Low luminance blue turnig on and off at 1 second intervals. |
| ATSC digital tuner communication error | --- | Low luminance blue Flash 2.0 second / Low luminance blue Out 2.0 seconds |
| Fan lock | --- | Low luminance blue Flash 2.0 second / Low luminance blue Out 2.0 seconds |

**< Explanation of operation >**

If error is detected, the power is turned off.
Shortly after a power is turned off, POWER LED will be blinked.
Power cannot be turned on until the power cord takes out and inserts, after a power is turned off.

Victor Company of Japan, Limited
AV & MULTIMEDIA COMPANY DISPLAY CATEGORY 12, 3-chome, Moriya-cho, Kanagawa-ku, Yokohama-city, Kanagawa-prefecture, 221-8528, Japan

Printed in Japan
VPT

JVC

# SCHEMATIC DIAGRAMS

## LCD FLAT TELEVISION

# LT-26X776/KA,
# LT-32X776/KA,
# LT-37X776/KA

**CD-ROM No.SML200506**

| BASIC CHASSIS |
|---|
| FL2 |

[LT-32X776]

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**No.YA300**
**2005/6**

# LT-26X776/KA, LT-32X776/KA, LT-37X776/KA
# STANDARD CIRCUIT DIAGRAM

## ■ NOTE ON USING CIRCUIT DIAGRAMS

### 1.SAFETY

**The components identified by the⚠ symbol and shading are critical for safety. For continued safety replace safety ciritical components only with manufactures recommended parts.**

### 2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

(1)Input signal : Colour bar signal
(2)Setting positions of each knob/button and variable resistor : Original setting position when shipped
(3)Internal resistance of tester : DC 20kΩ/V
(4)Oscilloscope sweeping time : H ⇒ 20μs / div
: V ⇒ 5ms / div
: Oththers ⇒ Sweeping time is specified
(5)Voltage values : All DC voltage values

∗ Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

### 3.INDICATION OF PARTS SYMBOL [EXAMPLE]

- In the PW board : R209 → R209

### 4.INDICATIONS ON THE CIRCUIT DIAGRAM

**(1)Resistors**

- Resistance value

No unit : [Ω]
K : [kΩ]
M : [MΩ]

- Rated allowable power

No indication : 1/16 [W]
Others : As specified

- Type

No indication : Carbon resistor
OMR : Oxide metal film resistor
MFR : Metal film resistor
MPR : Metal plate resistor
UNFR : Uninflammable resistor
FR : Fusible resistor

∗ Composition resistor 1/2 [W] is specified as 1/2S or Comp.

**(2)Capacitors**

- Capacitance value

1 or higher : [pF]
less than 1 : [μF]

- Withstand voltage

No indication : DC50[V]
Others : DC withstand voltage [V]
AC indicated : AC withstand voltage [V]

∗ Electrolytic Capacitors
47/50[Example]: Capacitance value [μF]/withstand voltage[V]

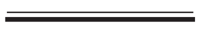
- Type

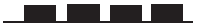
No indication : Ceramic capacitor
MM : Metalized mylar capacitor
PP : Polypropylene capacitor
MPP : Metalized polypropylene capacitor
MF : Metalized film capacitor
TF : Thin film capacitor
BP : Bipolar electrolytic capacitor
TAN : Tantalum capacitor

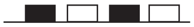
**(3)Coils**

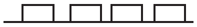
No unit : [μH]
Others : As specified

**(4)Power Supply**


: B1

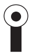

: B2 (12V)

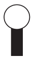

: 9V


: 5V

∗Respective voltage values are indicated

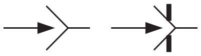
**(5)Test point**


: Test point


: Only test point display

**(6)Connecting method**

▭ : Connector
○ : Wrapping or soldering


: Receptacle

**(7)Ground symbol**

⊥ : LIVE side ground
⏚ : ISOLATED(NEUTRAL) side ground
⏚ : EARTH ground
▽ : DIGITAL ground

### 5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : ( ⊥ ) side GND and the ISOLATED(NEUTRAL) : ( ⏚ ) side GND. Therefore, care must be taken for the following points.

(1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. if the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.

(2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus ( oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.

◆ **Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.**

**NOTE**

◆ **Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.**
**When ordering parts, please use the numbers that appear in the Parts List.**

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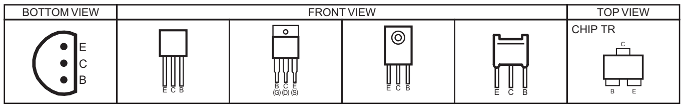
## USING P.W. BOARD

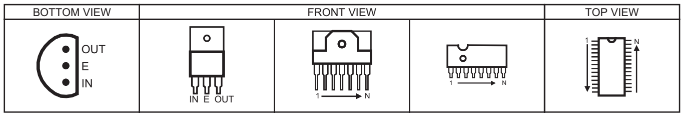
| P.W.B ASS'Y name | LT-26X776/KA | LT-32X776/KA | LT-37X776/KA |
|---|---|---|---|
| ANALOG SIGNAL P.W. BOARD | SFL-1121A-M2 | ← | SFL-1122A-M2 |
| CONNECTOR P.W. BOARD | SFL-4121A-M2 | ← | ← |
| FRONT CONTROL P.W. BOARD | SFL-7101A-M2 | ← | ← |
| FRONT LED P.W. BOARD | SFL-8123A-M2 | ← | ← |
| SD CARD P.W. BOARD | SFL-8304A-M2 | ← | ← |
| POWER P.W. BOARD | SFL-9031A-M2 | SFL-9030A-M2 | SFL-9029A-M2 |
| REGULATOR P.W. BOARD | SFL-9131A-M2 | SFL-9130A-M2 | SFL-9129A-M2 |
| DIGITAL SIGNAL P.W. BOARD | SFL0D133A-M2 | SFL0D132A-M2 | SFL0D131A-M2 |
| RECEIVER P.W. BOARD | SFL0F801A-M2 | ← | ← |

## SEMICONDUCTOR SHAPES

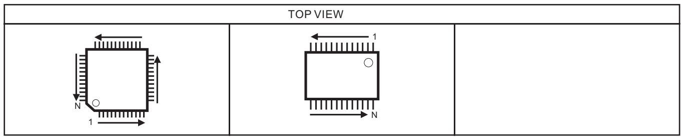
**TRANSISTOR**



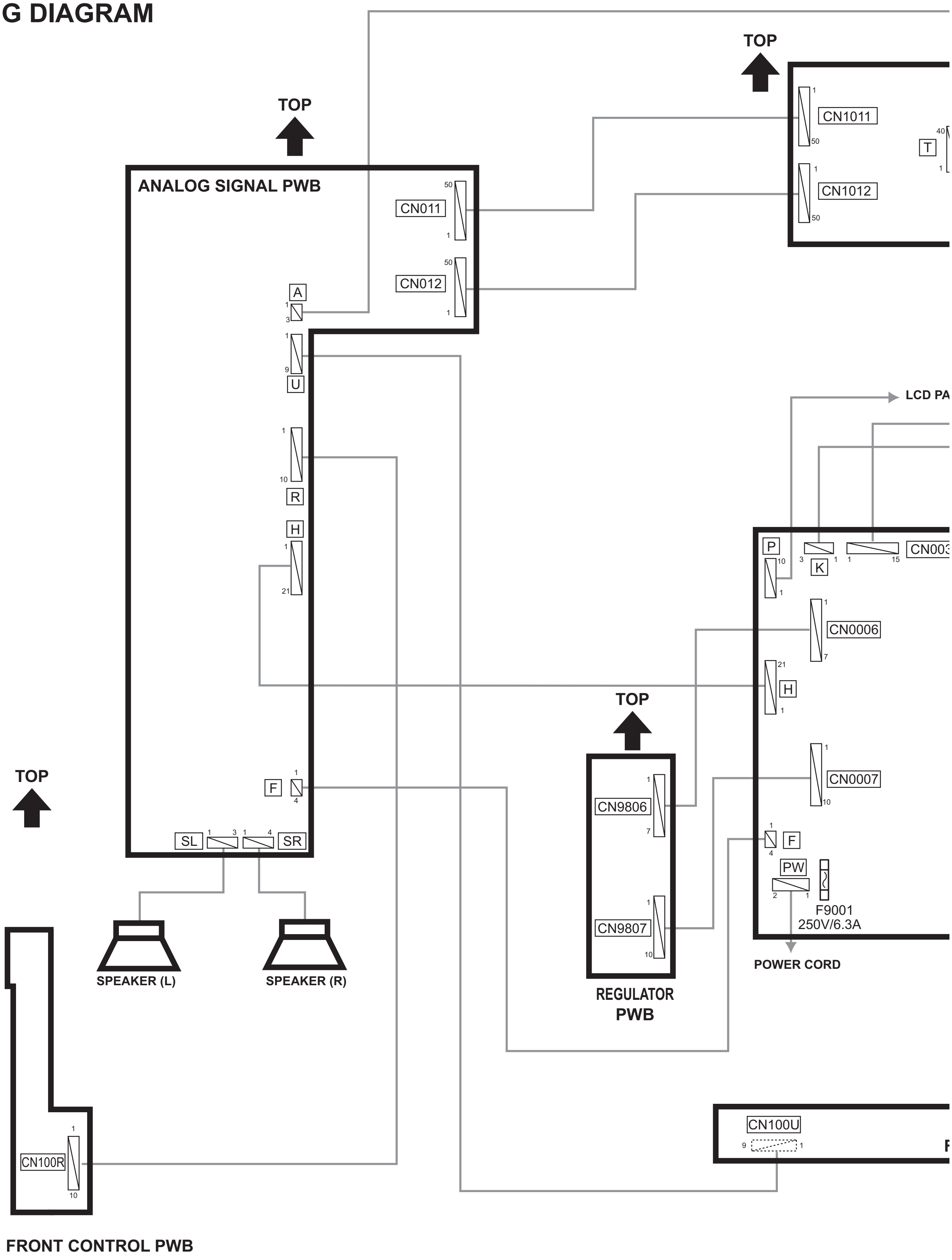
**IC**

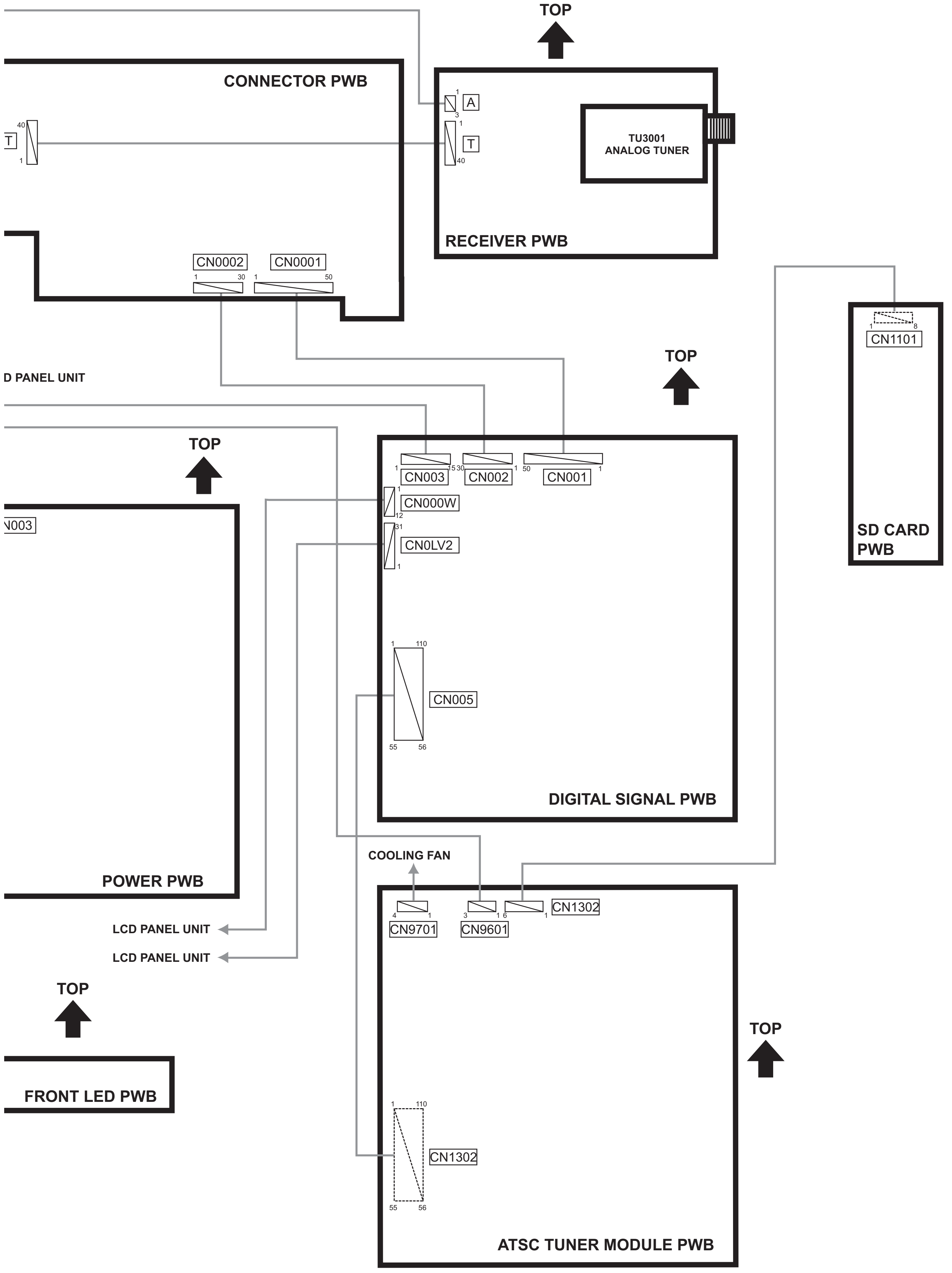


**CHIP IC**

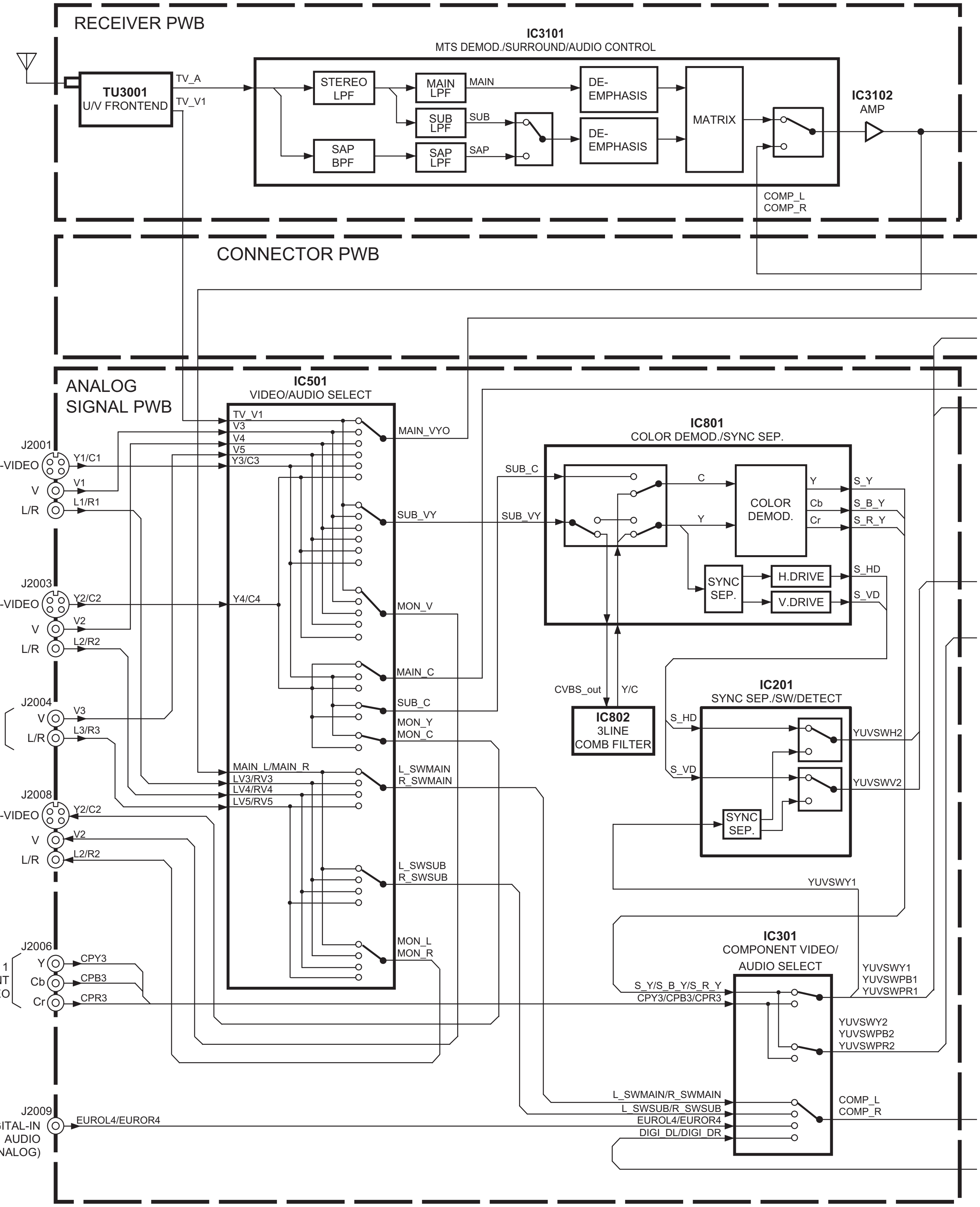


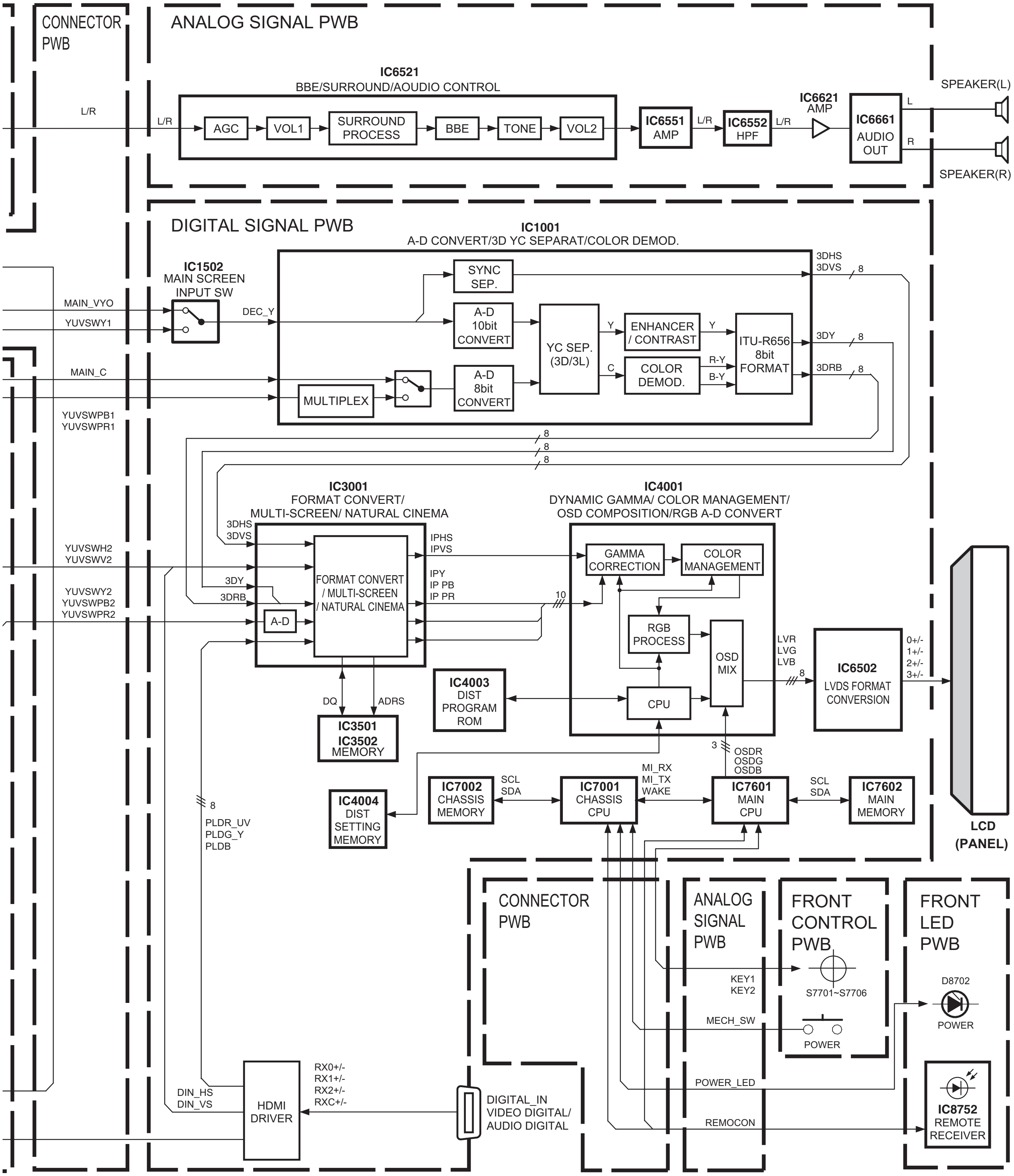
# WIRING DIAGRAM


TOP
ANALOG SIGNAL PWB
CN011
50
1
CN012
50
1
A
1
3
1
9
U
1
10
R
H
1
21
F
1
4
SL
1
3
1
4
SR
SPEAKER (L)
SPEAKER (R)
TOP
CN100R
1
10
FRONT CONTROL PWB
TOP
CN1011
1
50
CN1012
1
50
40
T
1
LCD PA
P
10
1
3
K
1
1
15
CN003
CN0006
1
7
21
H
1
CN0007
1
10
1
F
4
PW
2
1
F9001
250V/6.3A
POWER CORD
TOP
REGULATOR PWB
CN9806
1
7
CN9807
1
10
CN100U
9
1
F


TOP
CONNECTOR PWB
40
T
1
1
A
3
1
T
40
TU3001
ANALOG TUNER
RECEIVER PWB
CN0002
CN0001
1
30
1
50
1
8
CN1101
TOP
D PANEL UNIT
TOP
1
15
30
1
50
1
CN003
CN002
CN001
1
CN000W
12
N003
31
CN0LV2
1
SD CARD
PWB
1
110
CN005
55
56
DIGITAL SIGNAL PWB
POWER PWB
COOLING FAN
4
1
3
1
6
1
CN1302
CN9701
CN9601
LCD PANEL UNIT
LCD PANEL UNIT
TOP
TOP
FRONT LED PWB
1
110
CN1302
55
56
ATSC TUNER MODULE PWB

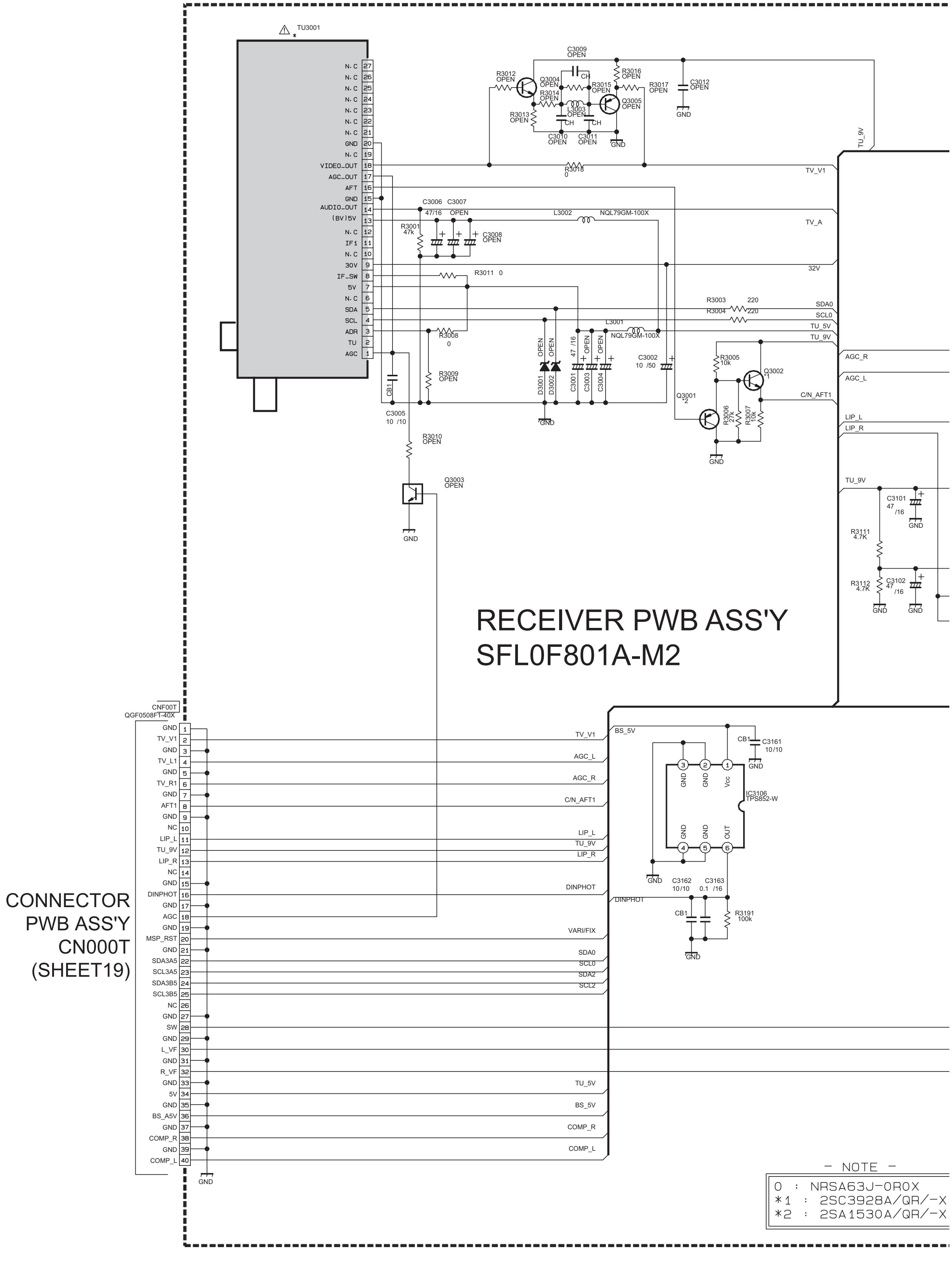
# BLOCK DIAGRAM


RECEIVER PWB
IC3101
MTS DEMOD./SURROUND/AUDIO CONTROL
TU3001
U/V FRONTEND
TV_A
TV_V1
STEREO LPF
SAP BPF
MAIN LPF
SUB LPF
SAP LPF
MAIN
SUB
SAP
DE-EMPHASIS
DE-EMPHASIS
MATRIX
IC3102
AMP
COMP_L
COMP_R
CONNECTOR PWB
ANALOG SIGNAL PWB
IC501
VIDEO/AUDIO SELECT
TV_V1
V3
V4
V5
Y3/C3
Y4/C4
MAIN_L/MAIN_R
LV3/RV3
LV4/RV4
LV5/RV5
MAIN_VYO
SUB_VY
MON_V
MAIN_C
SUB_C
MON_Y
MON_C
L_SWMAIN
R_SWMAIN
L_SWSUB
R_SWSUB
MON_L
MON_R
J2001
INPUT 1
S-VIDEO
V
L/R
Y1/C1
V1
L1/R1
J2003
INPUT 2
S-VIDEO
V
L/R
Y2/C2
V2
L2/R2
J2004
INPUT 3
V
L/R
V3
L3/R3
J2008
MONITOR /REC OUT
S-VIDEO
V
L/R
Y2/C2
V2
L2/R2
J2006
INPUT 1 COMPONENT VIDEO
Y
Cb
Cr
CPY3
CPB3
CPR3
J2009
DIGITAL-IN AUDIO (ANALOG)
EUROL4/EUROR4
IC801
COLOR DEMOD./SYNC SEP.
SUB_C
SUB_VY
C
Y
COLOR DEMOD.
Y
Cb
Cr
S_Y
S_B_Y
S_R_Y
SYNC SEP.
H.DRIVE
V.DRIVE
S_HD
S_VD
CVBS_out
Y/C
IC802
3LINE COMB FILTER
IC201
SYNC SEP./SW/DETECT
S_HD
S_VD
SYNC SEP.
YUVSWH2
YUVSWV2
YUVSWY1
IC301
COMPONENT VIDEO/ AUDIO SELECT
S_Y/S_B_Y/S_R_Y
CPY3/CPB3/CPR3
YUVSWY1
YUVSWPB1
YUVSWPR1
YUVSWY2
YUVSWPB2
YUVSWPR2
L_SWMAIN/R_SWMAIN
L_SWSUB/R_SWSUB
EUROL4/EUROR4
DIGI_DL/DIGI_DR
COMP_L
COMP_R


CONNECTOR PWB
ANALOG SIGNAL PWB
IC6521
BBE/SURROUND/AOUDIO CONTROL
L/R
L/R
AGC
VOL1
SURROUND PROCESS
BBE
TONE
VOL2
IC6551 AMP
L/R
IC6552 HPF
L/R
IC6621 AMP
IC6661 AUDIO OUT
L
R
SPEAKER(L)
SPEAKER(R)
DIGITAL SIGNAL PWB
IC1001
A-D CONVERT/3D YC SEPARAT/COLOR DEMOD.
IC1502
MAIN SCREEN INPUT SW
MAIN_VYO
YUVSWY1
DEC_Y
MAIN_C
YUVSWPB1
YUVSWPR1
SYNC SEP.
A-D 10bit CONVERT
A-D 8bit CONVERT
MULTIPLEX
YC SEP. (3D/3L)
Y
C
ENHANCER / CONTRAST
Y
COLOR DEMOD.
R-Y
B-Y
ITU-R656 8bit FORMAT
3DHS
3DVS
8
3DY
8
3DRB
8
8
8
8
IC3001
FORMAT CONVERT/ MULTI-SCREEN/ NATURAL CINEMA
3DHS
3DVS
YUVSWH2
YUVSWV2
3DY
3DRB
YUVSWY2
YUVSWPB2
YUVSWPR2
A-D
FORMAT CONVERT / MULTI-SCREEN / NATURAL CINEMA
IPHS
IPVS
IPY
IP PB
IP PR
10
DQ
ADRS
IC3501
IC3502
MEMORY
IC4001
DYNAMIC GAMMA/ COLOR MANAGEMENT/ OSD COMPOSITION/RGB A-D CONVERT
GAMMA CORRECTION
COLOR MANAGEMENT
RGB PROCESS
OSD MIX
CPU
IC4003
DIST PROGRAM ROM
LVR
LVG
LVB
8
IC6502
LVDS FORMAT CONVERSION
0+/-
1+/-
2+/-
3+/-
LCD (PANEL)
3
OSDR
OSDG
OSDB
IC4004
DIST SETTING MEMORY
IC7002
CHASSIS MEMORY
SCL
SDA
IC7001
CHASSIS CPU
MI_RX
MI_TX
WAKE
IC7601
MAIN CPU
SCL
SDA
IC7602
MAIN MEMORY
8
PLDR_UV
PLDG_Y
PLDB
CONNECTOR PWB
ANALOG SIGNAL PWB
FRONT CONTROL PWB
FRONT LED PWB
KEY1
KEY2
S7701~S7706
D8702
POWER
MECH_SW
POWER
POWER_LED
REMOCON
IC8752
REMOTE RECEIVER
DIN_HS
DIN_VS
HDMI DRIVER
RX0+/-
RX1+/-
RX2+/-
RXC+/-
DIGITAL_IN
VIDEO DIGITAL/
AUDIO DIGITAL

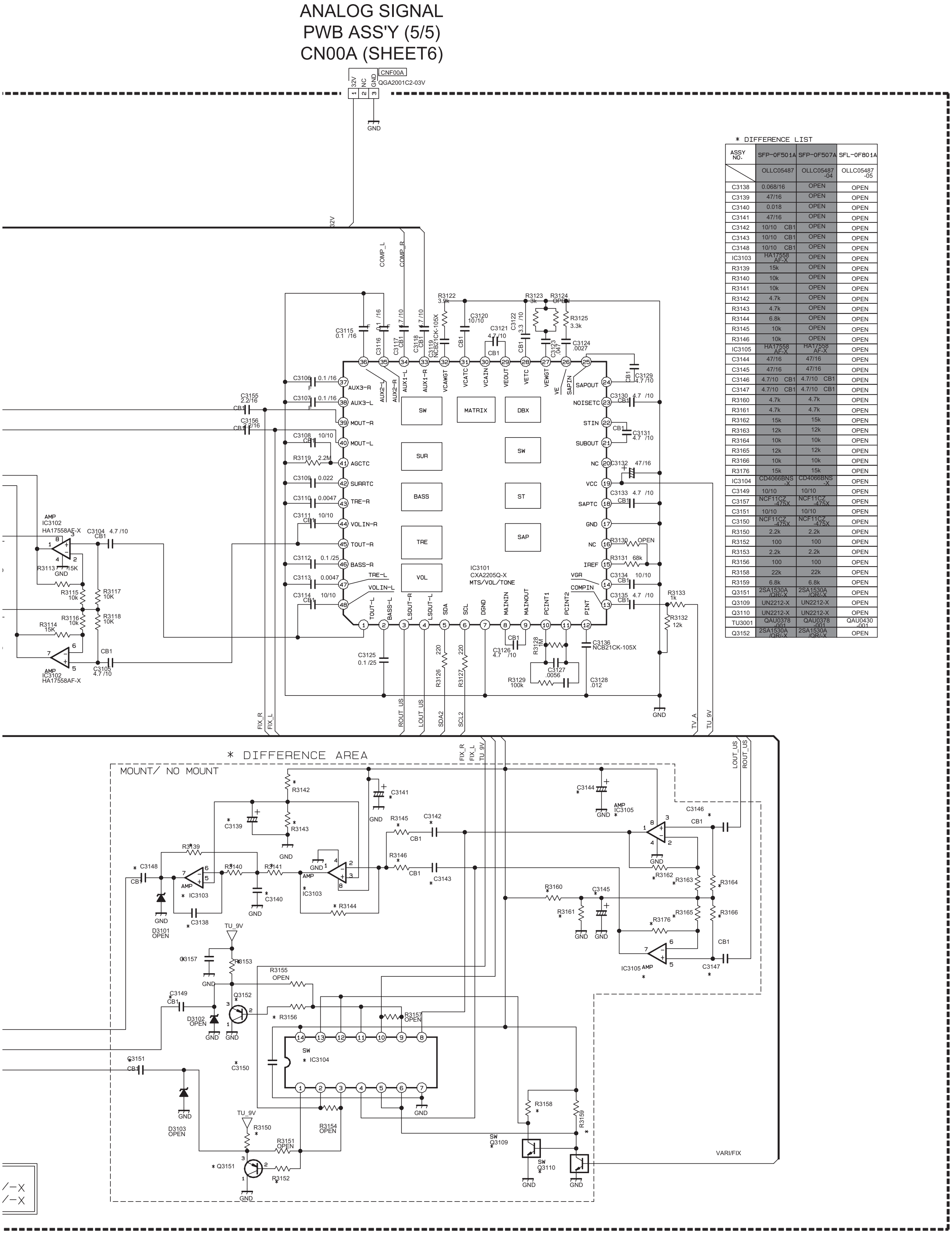
# CIRCUIT DIAGRAMS

*RECEIVER PWB CIRCUIT DIAGRAM SHEET1*


TU3001
N.C 27
N.C 26
N.C 25
N.C 24
N.C 23
N.C 22
N.C 21
GND 20
N.C 19
VIDEO_OUT 18
AGC_OUT 17
AFT 16
GND 15
AUDIO_OUT 14
(BV)5V 13
N.C 12
IF1 11
N.C 10
30V 9
IF_SW 8
5V 7
N.C 6
SDA 5
SCL 4
ADR 3
TU 2
AGC 1
C3009 OPEN
R3012 OPEN
Q3004 OPEN
CH
R3016 OPEN
R3015 OPEN
R3017 OPEN
C3012 OPEN
R3014 OPEN
L3003 OPEN
Q3005 OPEN
R3013 OPEN
CH
CH
C3010 OPEN
C3011 OPEN
GND
GND
TU_9V
R3018 0
TV_V1
C3006 47/16
C3007 OPEN
R3001 47k
C3008 OPEN
L3002 NQL79GM-100X
TV_A
32V
R3011 0
R3003 220
R3004 220
SDA0
SCL0
TU_5V
TU_9V
L3001 NQL79GM-100X
R3008 0
OPEN
OPEN
D3001
D3002
47 /16
C3001
OPEN
C3003
OPEN
C3004
C3002 10 /50
R3005 10k
Q3002 *1
AGC_R
AGC_L
R3009 OPEN
CB1
C3005 10 /10
GND
Q3001 *2
R3006 27k
R3007 10k
C/N_AFT1
LIP_L
LIP_R
GND
R3010 OPEN
Q3003 OPEN
GND
TU_9V
C3101 47 /16
GND
R3111 4.7K
R3112 4.7K
C3102 47 /16
GND
GND
RECEIVER PWB ASS'Y
SFL0F801A-M2
CNF00T
QGF0508F1-40X
GND 1
TV_V1 2
GND 3
TV_L1 4
GND 5
TV_R1 6
GND 7
AFT1 8
GND 9
NC 10
LIP_L 11
TU_9V 12
LIP_R 13
NC 14
GND 15
DINPHOT 16
GND 17
AGC 18
GND 19
MSP_RST 20
GND 21
SDA3A5 22
SCL3A5 23
SDA3B5 24
SCL3B5 25
NC 26
GND 27
SW 28
GND 29
L_VF 30
GND 31
R_VF 32
GND 33
5V 34
GND 35
BS_A5V 36
GND 37
COMP_R 38
GND 39
COMP_L 40
GND
CONNECTOR
PWB ASS'Y
CN000T
(SHEET19)
TV_V1
AGC_L
AGC_R
C/N_AFT1
LIP_L
TU_9V
LIP_R
DINPHOT
VARI/FIX
SDA0
SCL0
SDA2
SCL2
TU_5V
BS_5V
COMP_R
COMP_L
BS_5V
CB1
C3161 10/10
GND
GND 3
GND 2
Vcc 1
IC3106 TPS852-W
GND 4
GND 5
OUT 6
GND
C3162 10/10
C3163 0.1 /16
DINPHOT
CB1
R3191 100k
GND

- NOTE -

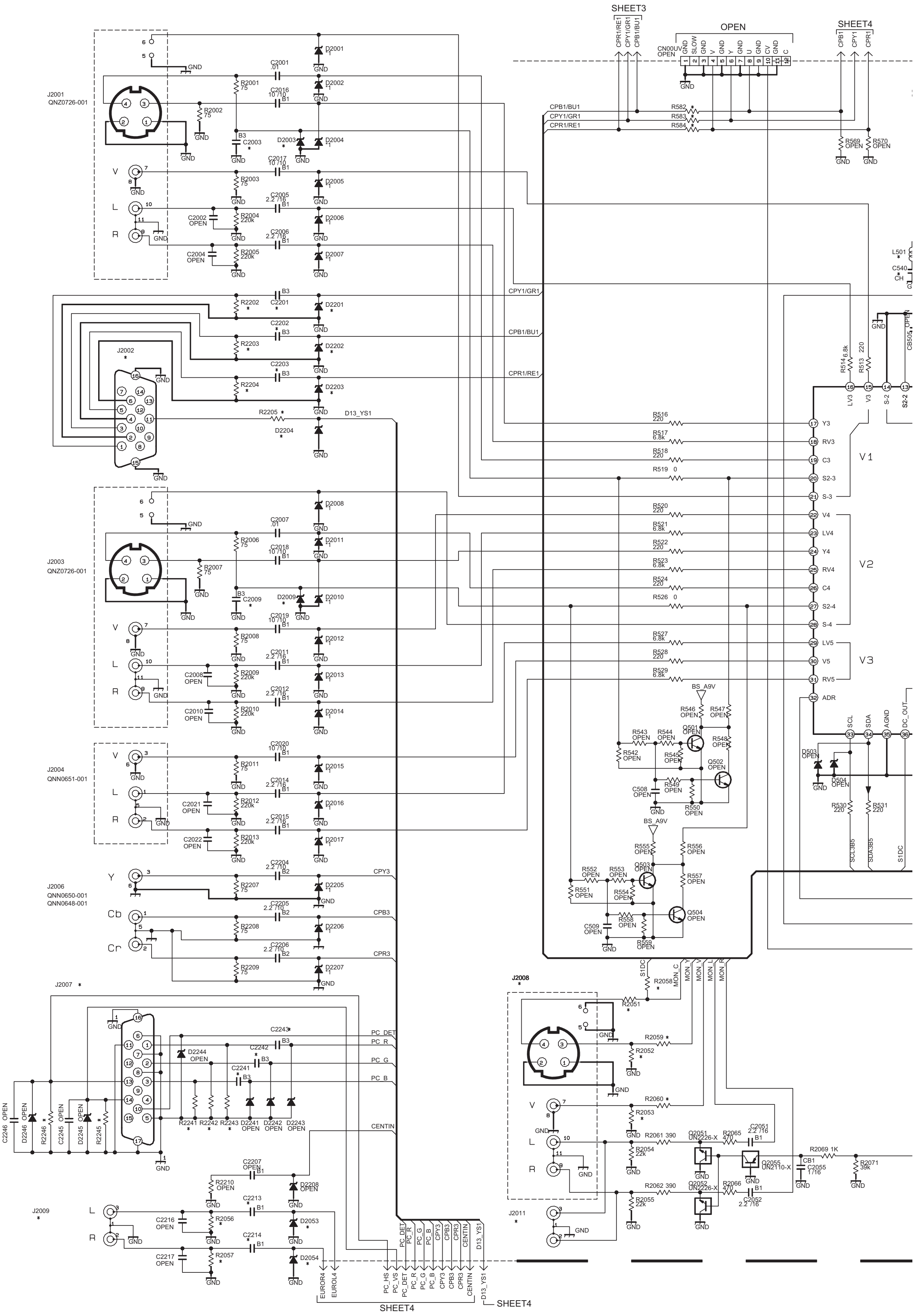
0 : NRSA63J-0R0X
*1 : 2SC3928A/QR/-X
*2 : 2SA1530A/QR/-X


ANALOG SIGNAL
PWB ASS'Y (5/5)
CN00A (SHEET6)
CNF00A
QGA2001C2-03V
32V
NC
GND
COMP_L
COMP_R
IC3101
CXA2205Q-X
MTS/VOL/TONE
SW
MATRIX
DBX
SUR
BASS
TRE
VOL
ST
SAP
AUX3-R
AUX3-L
MOUT-R
MOUT-L
AGCTC
SURRTC
TRE-R
VOLIN-R
TOUT-R
BASS-R
TRE-L
VOLIN-L
TOUT-L
BASS-L
LSOUT-R
LSOUT-L
SDA
SCL
DGND
MAININ
MAINOUT
PCINT1
PCINT2
PINT
SAPOUT
NOISETC
STIN
SUBOUT
NC
VCC
SAPTC
GND
IREF
VGR
COMPIN
AUX2-L
AUX2-R
AUX1-L
AUX1-R
VCAWGT
VCATC
VCAIN
VEOUT
VETC
VEWGT
VE
SAPIN
AMP
IC3102
HA17558AF-X
FIX_R
FIX_L
ROUT_US
LOUT_US
SDA2
SCL2
TV_A
TU_9V
* DIFFERENCE AREA
MOUNT/ NO MOUNT
IC3103
IC3105
IC3104
Q3151
Q3152
Q3109
Q3110
D3101 OPEN
D3102 OPEN
D3103 OPEN
VARI/FIX

*** DIFFERENCE LIST**

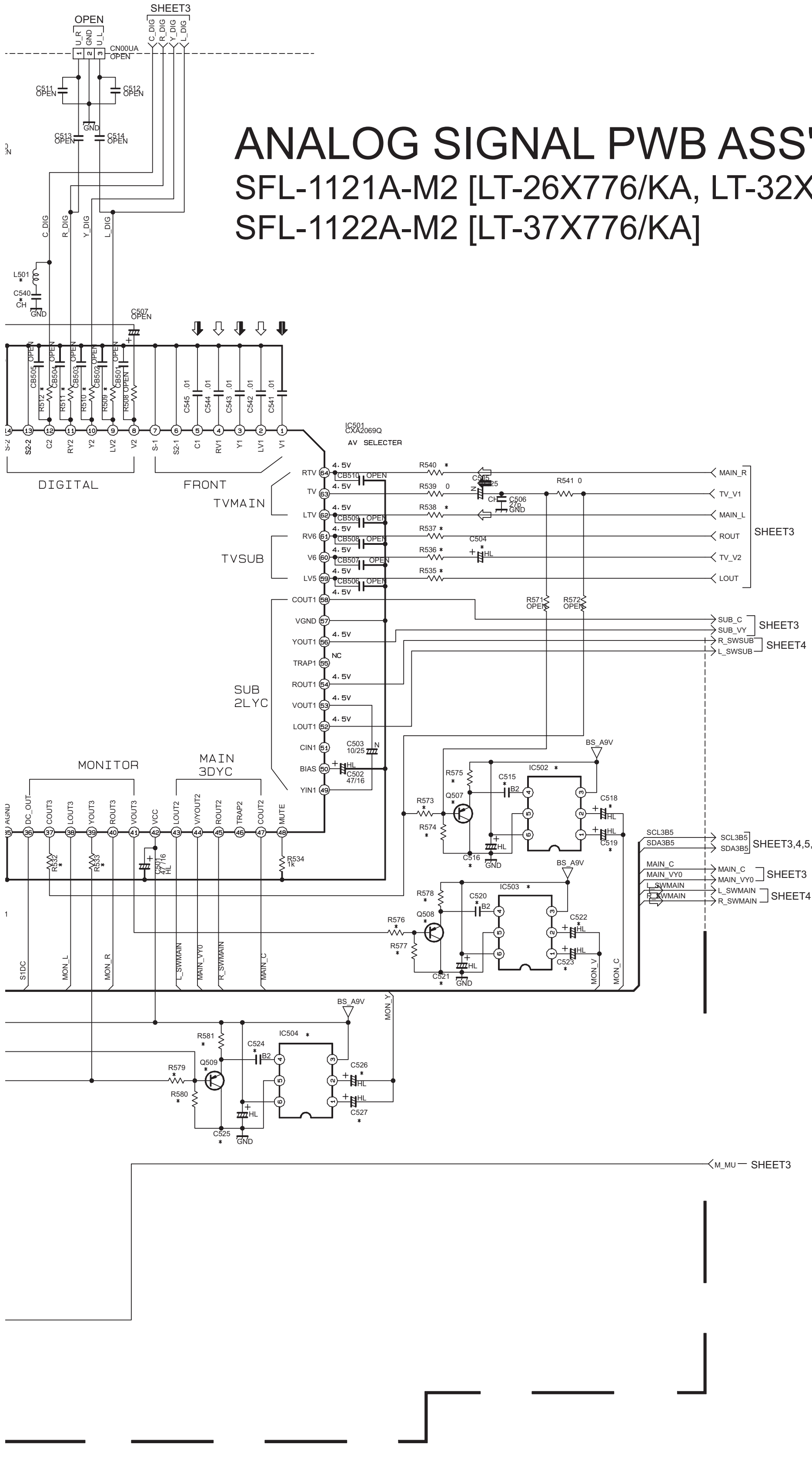
| ASSY NO. | SFP-0F501A | SFP-0F507A | SFL-0F801A |
|---|---|---|---|
| | OLLC05487 | OLLC05487 -04 | OLLC05487 -05 |
| C3138 | 0.068/16 | OPEN | OPEN |
| C3139 | 47/16 | OPEN | OPEN |
| C3140 | 0.018 | OPEN | OPEN |
| C3141 | 47/16 | OPEN | OPEN |
| C3142 | 10/10 CB1 | OPEN | OPEN |
| C3143 | 10/10 CB1 | OPEN | OPEN |
| C3148 | 10/10 CB1 | OPEN | OPEN |
| IC3103 | HA17558 AF-X | OPEN | OPEN |
| R3139 | 15k | OPEN | OPEN |
| R3140 | 10k | OPEN | OPEN |
| R3141 | 10k | OPEN | OPEN |
| R3142 | 4.7k | OPEN | OPEN |
| R3143 | 4.7k | OPEN | OPEN |
| R3144 | 6.8k | OPEN | OPEN |
| R3145 | 10k | OPEN | OPEN |
| R3146 | 10k | OPEN | OPEN |
| IC3105 | HA17558 AF-X | HA17558 AF-X | OPEN |
| C3144 | 47/16 | 47/16 | OPEN |
| C3145 | 47/16 | 47/16 | OPEN |
| C3146 | 4.7/10 CB1 | 4.7/10 CB1 | OPEN |
| C3147 | 4.7/10 CB1 | 4.7/10 CB1 | OPEN |
| R3160 | 4.7k | 4.7k | OPEN |
| R3161 | 4.7k | 4.7k | OPEN |
| R3162 | 15k | 15k | OPEN |
| R3163 | 12k | 12k | OPEN |
| R3164 | 10k | 10k | OPEN |
| R3165 | 12k | 12k | OPEN |
| R3166 | 10k | 10k | OPEN |
| R3176 | 15k | 15k | OPEN |
| IC3104 | CD4066BNS -X | CD4066BNS -X | OPEN |
| C3149 | 10/10 | 10/10 | OPEN |
| C3157 | NCF11CZ -475X | NCF11CZ -475X | OPEN |
| C3151 | 10/10 | 10/10 | OPEN |
| C3150 | NCF11CZ -475X | NCF11CZ -475X | OPEN |
| R3150 | 2.2k | 2.2k | OPEN |
| R3152 | 100 | 100 | OPEN |
| R3153 | 2.2k | 2.2k | OPEN |
| R3156 | 100 | 100 | OPEN |
| R3158 | 22k | 22k | OPEN |
| R3159 | 6.8k | 6.8k | OPEN |
| Q3151 | 2SA1530A /QR/-X | 2SA1530A /QR/-X | OPEN |
| Q3109 | UN2212-X | UN2212-X | OPEN |
| Q3110 | UN2212-X | UN2212-X | OPEN |
| TU3001 | QAU0378 -001 | QAU0378 -001 | QAU0430 -001 |
| Q3152 | 2SA1530A /QR/-X | 2SA1530A /QR/-X | OPEN |

# *ANALOG SIGNAL PWB CIRCUIT DIAGRAM (1/5) SHEET 2*


SHEET3
CPR1/RE1
CPY1/GR1
CPB1/BU1
OPEN
CN00UV OPEN
GND SLOW GND V GND Y GND U GND CV GND C
SHEET4
CPB1 CPY1 CPR1
J2001
QNZ0726-001
R2001 75
R2002 75
C2001 .01
C2016 10 /10 B1
D2001 D2002 D2003 D2004 D2005 D2006 D2007
B3
C2003
C2017 10 /10 B1
R2003 75
C2005 2.2 /16 B1
C2002 OPEN
R2004 220k
C2006 2.2 /16 B1
C2004 OPEN
R2005 220k
V L R
GND
CPB1/BU1
CPY1/GR1
CPR1/RE1
R582 R583 R584
R569 OPEN
R570 OPEN
L501
C540
CH
CB505 OPEN
R514 6.8k
R513 220
LV3 V3 S-2 S2-2
J2002
R2202 R2203 R2204
C2201 C2202 C2203
D2201 D2202 D2203
R2205
D2204
D13_YS1
R516 220 Y3
R517 6.8k RV3
R518 220 C3
R519 0 S2-3
S-3
R520 220 V4
R521 6.8k LV4
R522 220 Y4
R523 6.8k RV4
R524 220 C4
R526 0 S2-4
S-4
R527 6.8k LV5
R528 220 V5
R529 6.8k RV5
ADR
V1
V2
V3
J2003
QNZ0726-001
R2006 75
R2007 75
C2007 .01
C2018 10 /10 B1
D2008 D2009 D2010 D2011
C2009
C2019 10 /10 B1
R2008 75
C2011 2.2 /16 B1
D2012
C2008 OPEN
R2009 220k
C2012 2.2 /16 B1
D2013
C2010 OPEN
R2010 220k
D2014
BS_A9V
R546 OPEN
R547 OPEN
R543 OPEN
R544 OPEN
Q501 OPEN
R548 OPEN
R542 OPEN
R545 OPEN
Q502 OPEN
C508 OPEN
R549 OPEN
R550 OPEN
SCL SDA AGND DC_OUT
D503 OPEN
D504 OPEN
R530 220
R531 220
SCL3B5 SDA3B5 S1DC
J2004
QNN0651-001
C2020 10 /10 B1
R2011 75
D2015
C2014 2.2 /16 B1
C2021 OPEN
R2012 220k
D2016
C2015 2.2 /16 B1
C2022 OPEN
R2013 220k
D2017
R555 OPEN
R556 OPEN
R552 OPEN
R553 OPEN
Q503 OPEN
R557 OPEN
R551 OPEN
R554 OPEN
R558 OPEN
Q504 OPEN
C509 OPEN
R559 OPEN
J2006
QNN0650-001
QNN0648-001
Y Cb Cr
C2204 2.2 /10 B2
R2207 75
D2205
CPY3
C2205 2.2 /10 B2
R2208 75
D2206
CPB3
C2206 2.2 /10 B2
R2209 75
D2207
CPR3
J2007
C2243 B3
C2242 B3
C2241 B3
D2244 OPEN
PC_DET PC_R PC_G PC_B
C2246 OPEN
D2246 OPEN
R2246
C2245 OPEN
D2245
R2245
R2241 R2242 R2243
D2241 OPEN
D2242 OPEN
D2243 OPEN
CENTIN
C2207 OPEN B1
R2210 OPEN
D2208 OPEN
C2213 B1
D2053
C2216 OPEN
R2056
C2214 B1
D2054
C2217 OPEN
R2057
J2009
L R
EURO R4 EURO L4
PC_HS PC_VS PC_DET PC_R PC_G PC_B CPY3 CPB3 CPR3 CENTIN D13_YS1
SHEET4
J2008
S1DC MON_C MON_Y MON_L MON_R
R2058
R2051
R2059
R2052
R2060
R2053
R2061 390
Q2051 UN2226-X
R2065 470
C2051 2.2 /16 B1
R2054 22k
Q2055 UN2110-X
R2069 1K
CB1
C2055 1/16
R2071 39k
R2062 390
Q2052 UN2226-X
R2066 470
C2052 2.2 /16 B1
R2055 22k
J2011

# ANALOG SIGNAL PWB ASS'Y(1/5)

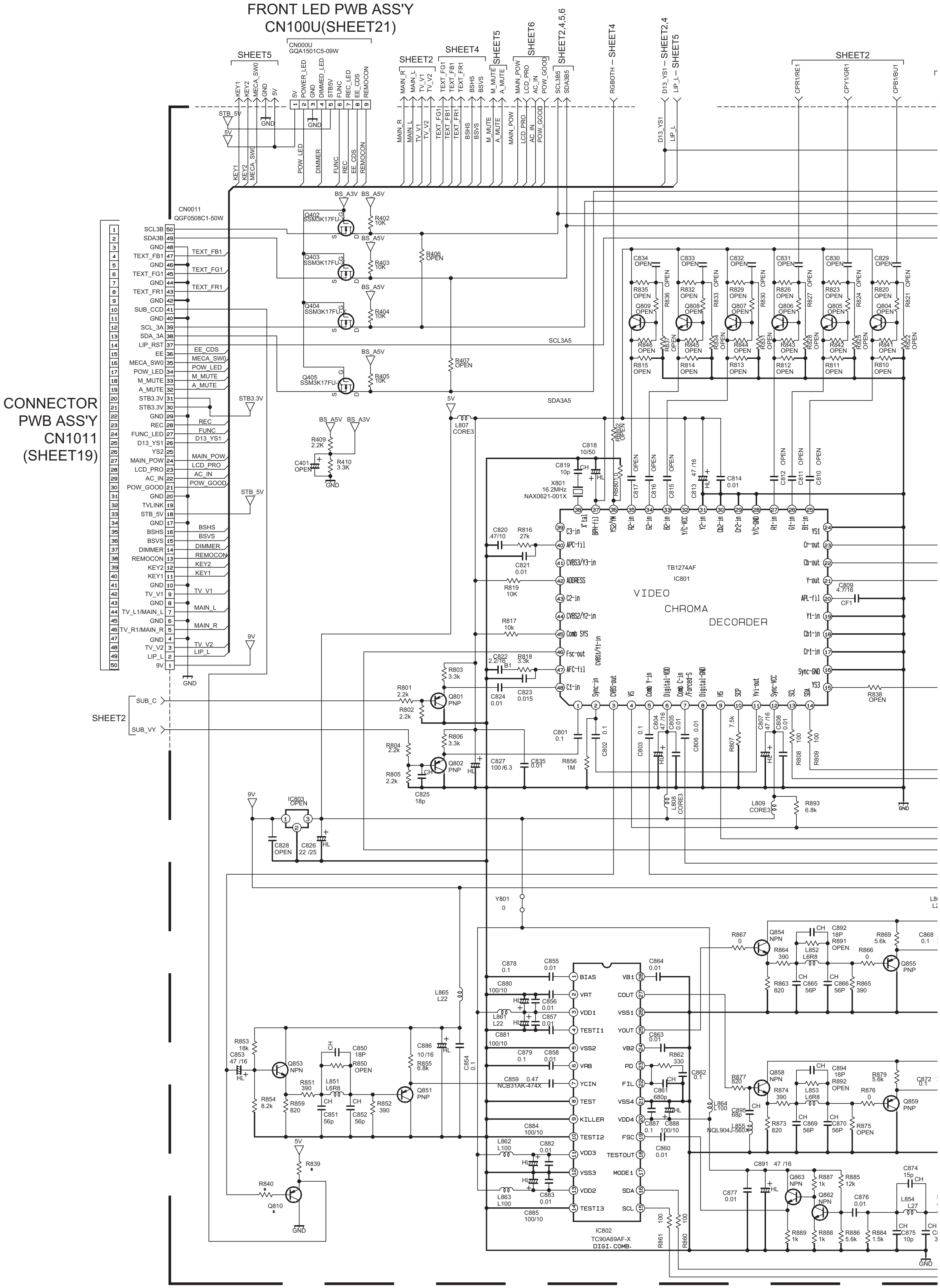
## SFL-1121A-M2 [LT-26X776/KA, LT-32X776/KA]
## SFL-1122A-M2 [LT-37X776/KA]



OPEN
SHEET3
U_R
GND
U_L
C_DIG
R_DIG
Y_DIG
L_DIG
CN00UA
OPEN
C511 OPEN
C512 OPEN
GND
C513 OPEN
C514 OPEN
C_DIG
R_DIG
Y_DIG
L_DIG
L501
C540 CH
GND
C507 OPEN
CB505 OPEN
CB504 OPEN
CB503 OPEN
CB502 OPEN
CB501 OPEN
R512
R511
R510
R509
R508 OPEN
C545 .01
C544 .01
C543 .01
C542 .01
C541 .01
S-2
S2-2
C2
RY2
Y2
LV2
V2
S-1
S2-1
C1
RV1
Y1
LV1
V1
DIGITAL
FRONT
IC501
CXA2069Q
AV SELECTER
TVMAIN
TVSUB
RTV
TV
LTV
RV6
V6
LV5
COUT1
VGND
YOUT1
TRAP1
ROUT1
VOUT1
LOUT1
CIN1
BIAS
YIN1
4.5V
NC
CB510 OPEN
CB509 OPEN
CB508 OPEN
CB507 OPEN
CB506 OPEN
R540
R539 0
R538
R537
R536
R535
C505 25
C506 27p
CH
GND
R541 0
C504
HL
MAIN_R
TV_V1
MAIN_L
ROUT
TV_V2
LOUT
SHEET3
R571 OPEN
R572 OPEN
SUB_C
SUB_VY
R_SWSUB
L_SWSUB
SHEET3
SHEET4
SUB 2LYC
C503 10/25
C502 47/16
HL
MONITOR
MAIN 3DYC
AGND
DC_OUT
COUT3
LOUT3
YOUT3
ROUT3
VOUT3
VCC
LOUT2
VIYOUT2
ROUT2
TRAP2
COUT2
MUTE
R532
R533
C501 47/16 HL
R534 1k
BS_A9V
IC502
R575
Q507
R573
R574
C515 B2
C516
GND
C518 HL
C519 HL
SCL3B5
SDA3B5
SHEET3,4,5,6
MAIN_C
MAIN_VY0
L_SWMAIN
R_SWMAIN
SHEET3
SHEET4
BS_A9V
IC503
R578
Q508
R576
R577
C520 B2
C521
GND
C522 HL
C523 HL
S1DC
MON_L
MON_R
L_SWMAIN
MAIN_VY0
R_SWMAIN
MAIN_C
MON_V
MON_C
BS_A9V
MON_Y
IC504
R581
Q509
R579
R580
C524 B2
C525
GND
C526 HL
C527 HL
M_MU
SHEET3

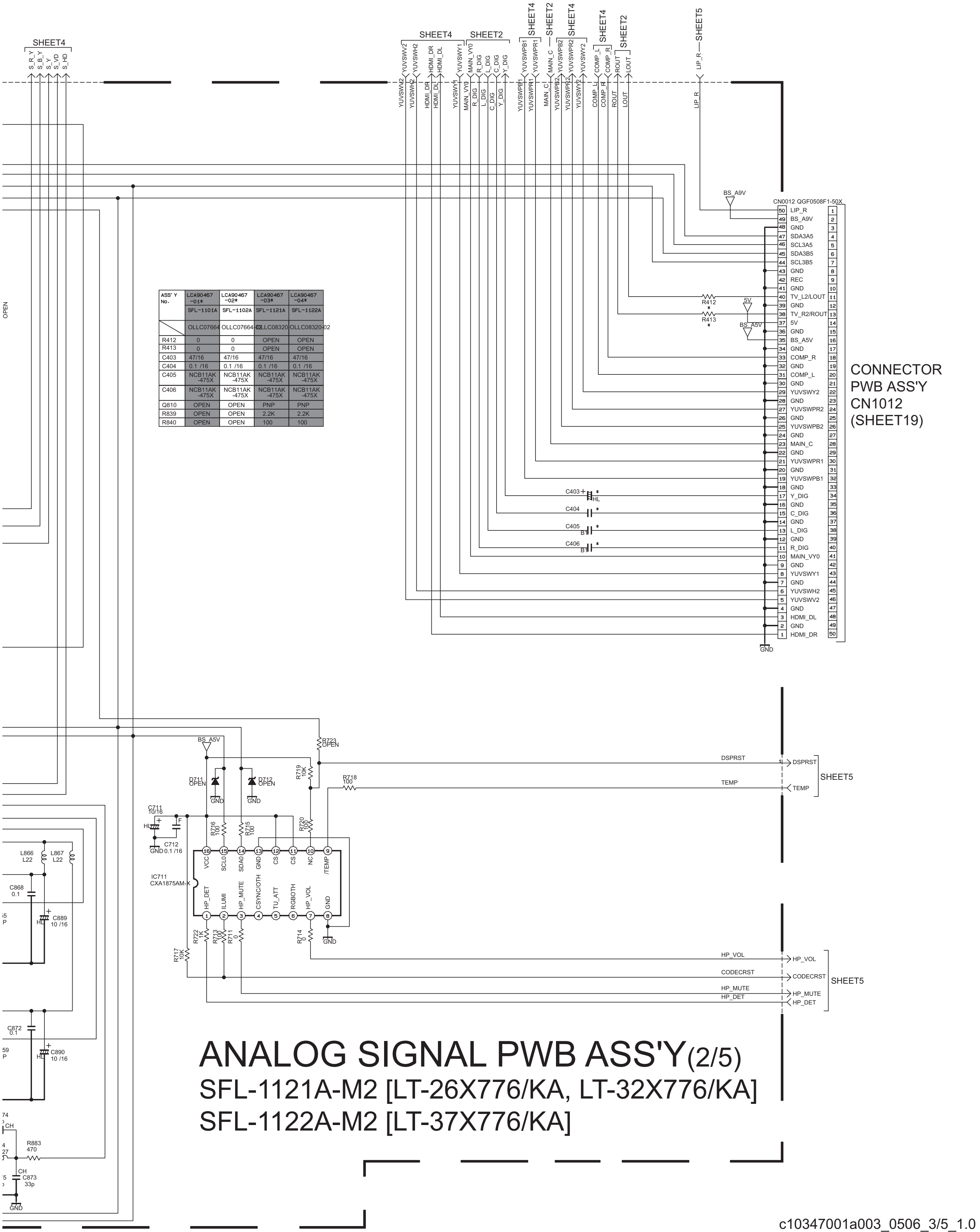
| ASS' Y No. | LCA90467 -01* | LCA90467 -02* | LCA90467 -03* | LCA90467 -04* |
|---|---|---|---|---|
| | SFL-1101A | SFL-1102A | SFL-1121A | SFL-1122A |
| | OLLC07664 | OLLC07664-02 | OLLC08320 | OLLC08320-02 |
| IC502 | MM1510XN-X | MM1510XN-X | MM1510XN-X | MM1510XN-X |
| IC503 | MM1510XN-X | MM1510XN-X | MM1510XN-X | MM1510XN-X |
| IC504 | MM1510XN-X | MM1510XN-X | MM1510XN-X | MM1510XN-X |
| Q507 | PNP | PNP | PNP | PNP |
| Q508 | PNP | PNP | PNP | PNP |
| Q509 | PNP | PNP | PNP | PNP |
| R509 | 6.8k | 6.8k | 6.8k | 6.8k |
| R510 | 0 | 0 | 0 | 0 |
| R511 | 6.8k | 6.8k | 6.8k | 6.8k |
| R512 | 0 | 0 | 0 | 0 |
| R532 | 0 | 0 | 0 | 0 |
| R533 | 0 | 0 | 0 | 0 |
| R535 | 1k | 1k | OPEN | OPEN |
| R536 | 0 | 0 | OPEN | OPEN |
| R537 | 1k | 1k | OPEN | OPEN |
| R538 | 1k | 1k | 6.8K | 6.8K |
| R540 | 1k | 1k | 6.8K | 6.8K |
| R573 | 2.2K | 2.2K | 2.2K | 2.2K |
| R574 | 2.2K | 2.2K | 2.2K | 2.2K |
| R575 | 5.6K | 5.6K | 5.6K | 5.6K |
| R576 | 2.2K | 2.2K | 2.2K | 2.2K |
| R577 | 2.2K | 2.2K | 2.2K | 2.2K |
| R578 | 5.6K | 5.6K | 5.6K | 5.6K |
| R579 | 2.2K | 2.2K | 2.2K | 2.2K |
| R580 | 2.2K | 2.2K | 2.2K | 2.2K |
| R581 | 5.6K | 5.6K | 5.6K | 5.6K |
| R582 | 0 | 0 | OPEN | OPEN |
| R583 | 0 | 0 | OPEN | OPEN |
| R584 | 0 | 0 | OPEN | OPEN |
| C504 | 10/50 | 10/50 | OPEN | OPEN |
| C515 | 1/16 | 1/16 | 1/16 | 1/16 |
| C516 | 10/16 | 10/16 | 10/16 | 10/16 |
| C518 | 100/10 | 100/10 | 100/10 | 100/10 |
| C519 | 10/16 | 10/16 | 10/16 | 10/16 |
| C520 | 1/16 | 1/16 | 1/16 | 1/16 |
| C521 | 10/16 | 10/16 | 10/16 | 10/16 |
| C522 | 100/10 | 100/10 | 100/10 | 100/10 |
| C523 | 10/16 | 10/16 | 10/16 | 10/16 |
| C524 | 1/16 | 1/16 | 1/16 | 1/16 |
| C525 | 10/16 | 10/16 | 10/16 | 10/16 |
| C526 | 100/10 | 100/10 | 100/10 | 100/10 |
| C527 | 10/16 | 10/16 | 10/16 | 10/16 |
| CB506 | OPEN | OPEN | OPEN | OPEN |
| CB507 | OPEN | OPEN | OPEN | OPEN |
| CB508 | OPEN | OPEN | OPEN | OPEN |
| J2002 | QNZ0693-001 | QNZ0693-001 | OPEN | OPEN |
| J2007 | QNZ0561-001 | QNZ0561-001 | OPEN | OPEN |
| J2008 | QNZ0726-001 | QNZ0726-001 | QNZ0726-001 | QNZ0726-001 |
| J2009 | QNN0652-001 | QNN0652-001 | QNN0652-001 | QNN0652-001 |
| J2011 | OPEN | OPEN | OPEN | OPEN |
| D2003 | *1 | *1 | OPEN | OPEN |
| D2009 | *1 | *1 | OPEN | OPEN |
| D2053 | *1 | *1 | *1 | *1 |
| D2054 | *1 | *1 | *1 | *1 |
| D2201 | *1 | *1 | OPEN | OPEN |
| D2202 | *1 | *1 | OPEN | OPEN |
| D2203 | *1 | *1 | OPEN | OPEN |
| D2204 | *1 | *1 | OPEN | OPEN |
| R2051 | 75 | 75 | 75 | 75 |
| R2052 | 2.2K | 2.2K | 2.2K | 2.2K |
| R2053 | 2.2K | 2.2K | 2.2K | 2.2K |
| R2056 | 22K | 22K | 22K | 22K |
| R2057 | 22K | 22K | 22K | 22K |
| R2058 | 4.7K | 4.7K | OPEN | OPEN |
| R2059 | 68 | 68 | 68 | 68 |
| R2060 | 68 | 68 | 68 | 68 |
| R2202 | 75 | 75 | OPEN | OPEN |
| R2203 | 75 | 75 | OPEN | OPEN |
| R2204 | 75 | 75 | OPEN | OPEN |
| R2205 | 1K | 1K | OPEN | OPEN |
| R2241 | 75 | 75 | OPEN | OPEN |
| R2242 | 75 | 75 | OPEN | OPEN |
| R2243 | 75 | 75 | OPEN | OPEN |
| R2245 | 330 | 330 | OPEN | OPEN |
| R2246 | 330 | 330 | OPEN | OPEN |
| C2003 | 1/16 | 1/16 | 0 | 0 |
| C2009 | 1/16 | 1/16 | 0 | 0 |
| C2201 | 1/16 | 1/16 | OPEN | OPEN |
| C2202 | 1/16 | 1/16 | OPEN | OPEN |
| C2203 | 1/16 | 1/16 | OPEN | OPEN |
| C2213 | 2.2/16 | 2.2/16 | 2.2/16 | 2.2/16 |
| C2214 | 2.2/16 | 2.2/16 | 2.2/16 | 2.2/16 |
| C2241 | 1/16 | 1/16 | OPEN | OPEN |
| C2242 | 1/16 | 1/16 | OPEN | OPEN |
| C2243 | 1/16 | 1/16 | OPEN | OPEN |
| L501 | NQL092K-6R8X | NQL092K-6R8X | OPEN | OPEN |
| C540 | 68P | 68P | OPEN | OPEN |

# *ANALOG SIGNAL PWB CIRCUIT DIAGRAM (2/5) SHEET 3*


FRONT LED PWB ASS'Y
CN100U(SHEET21)
CN000U
GQA1501C5-09W
SHEET5
SHEET2
SHEET4
SHEET5
SHEET6
SHEET2,4,5,6
RGBOTH – SHEET4
D13_YS1 – SHEET2,4
LIP_L – SHEET5
SHEET2
CPR1/RE1
CPY1/GR1
CPB1/BU1
CN0011
QGF0508C1-50W
CONNECTOR
PWB ASS'Y
CN1011
(SHEET19)
SCL3B
SDA3B
TEXT_FB1
TEXT_FG1
TEXT_FR1
SUB_CCD
SCL_3A
SDA_3A
LIP_RST
EE
MECA_SW0
POW_LED
M_MUTE
A_MUTE
STB3.3V
REC
FUNC_LED
D13_YS1
YS2
MAIN_POW
LCD_PRO
AC_IN
POW_GOOD
TVLINK
STB_5V
BSHS
BSVS
DIMMER
REMOCON
KEY2
KEY1
TV_V1
TV_L1/MAIN_L
TV_R1/MAIN_R
TV_V2
LIP_L
9V
GND
SUB_C
SUB_VY
Q402
SSM3K17FU-X
Q403
SSM3K17FU-X
Q404
SSM3K17FU-X
Q405
SSM3K17FU-X
BS_A3V
BS_A5V
R402
10K
R403
10K
R404
10K
R405
10K
R406
OPEN
R407
OPEN
R409
2.2K
R410
3.3K
C401
OPEN
SCL3A5
SDA3A5
L807
CORE3
C818
10/50
C819
10p
X801
16.2MHz
NAX0621-001X
TB1274AF
IC801
VIDEO
CHROMA
DECORDER
R801
2.2k
R802
2.2k
Q801
PNP
R803
3.3k
R804
2.2k
R805
2.2k
Q802
PNP
R806
3.3k
C825
18p
C827
100/6.3
C835
0.01
R856
1M
IC803
OPEN
C828
OPEN
C826
22 /25
L808
CORE3
L809
CORE3
R893
6.8k
R838
OPEN
C809
4.7/16
CF1
Y801
0
IC802
TC90A69AF-X
DIGI. COMB.
BIAS
VRT
VDD1
TESTI1
VSS2
VRB
YCIN
TEST
KILLER
TESTI2
VDD3
VSS3
VDD2
TESTI3
VB1
COUT
VSS1
YOUT
VB2
PD
FIL
VSS4
VDD4
FSC
TESTOUT
MODE1
SDA
SCL
C859 0.47
NCB31AK-474X
L865
L22
L861
L22
L862
L100
L863
L100
L864
L100
L865
NQL904J-560X
Q851
PNP
Q853
NPN
Q854
NPN
Q855
PNP
Q858
NPN
Q859
PNP
Q862
NPN
Q863
NPN
Q810
R839
R840
L851
L6R8
L852
L6R8
L853
L6R8
L854
L27
C891 47 /16

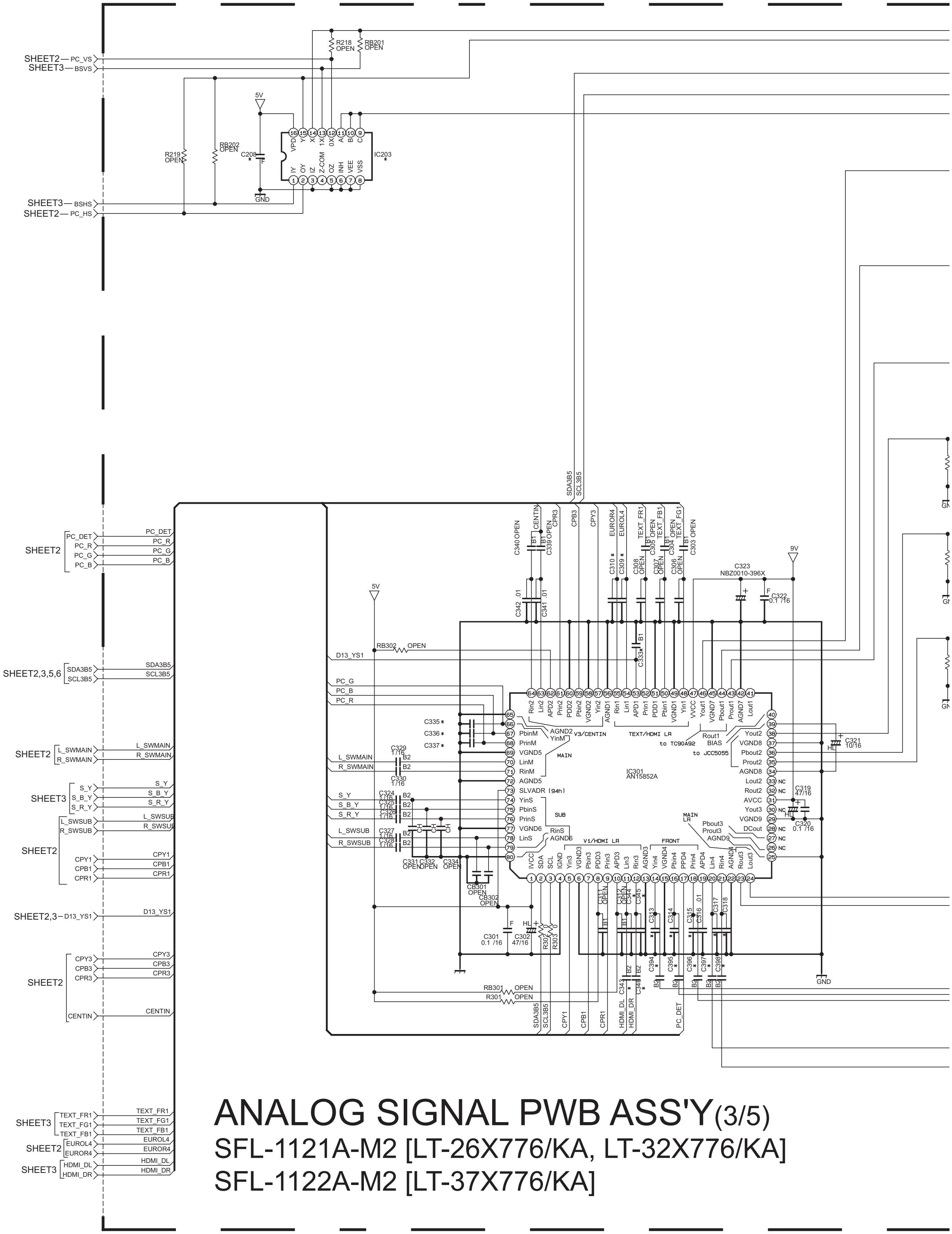
# ANALOG SIGNAL PWB ASS'Y(2/5)

## SFL-1121A-M2 [LT-26X776/KA, LT-32X776/KA]
## SFL-1122A-M2 [LT-37X776/KA]


SHEET4
S_R_Y
S_B_Y
S_Y
S_VD
S_HD
SHEET4
SHEET2
SHEET4
SHEET2
SHEET4
SHEET4
SHEET2
SHEET5
YUVSWV2
YUVSWH2
HDMI_DR
HDMI_DL
YUVSWY1
MAIN_VY0
R_DIG
L_DIG
C_DIG
Y_DIG
YUVSWPB1
YUVSWPR1
MAIN_C
YUVSWPB2
YUVSWPR2
YUVSWY2
COMP_L
COMP_R
ROUT
LOUT
LIP_R
OPEN
BS_A9V
CN0012 QGF0508F1-50X
50 LIP_R 1
49 BS_A9V 2
48 GND 3
47 SDA3A5 4
46 SCL3A5 5
45 SDA3B5 6
44 SCL3B5 7
43 GND 8
42 REC 9
41 GND 10
40 TV_L2/LOUT 11
39 GND 12
38 TV_R2/ROUT 13
37 5V 14
36 GND 15
35 BS_A5V 16
34 GND 17
33 COMP_R 18
32 GND 19
31 COMP_L 20
30 GND 21
29 YUVSWY2 22
28 GND 23
27 YUVSWPR2 24
26 GND 25
25 YUVSWPB2 26
24 GND 27
23 MAIN_C 28
22 GND 29
21 YUVSWPR1 30
20 GND 31
19 YUVSWPB1 32
18 GND 33
17 Y_DIG 34
16 GND 35
15 C_DIG 36
14 GND 37
13 L_DIG 38
12 GND 39
11 R_DIG 40
10 MAIN_VY0 41
9 GND 42
8 YUVSWY1 43
7 GND 44
6 YUVSWH2 45
5 YUVSWV2 46
4 GND 47
3 HDMI_DL 48
2 GND 49
1 HDMI_DR 50
GND
R412 *
R413 *
5V
BS_A5V
C403 * HL
C404 *
C405 B1 *
C406 B1 *
CONNECTOR
PWB ASS'Y
CN1012
(SHEET19)
BS_A5V
R723 OPEN
D711 OPEN
D712 OPEN
GND
R719 10K
R718 100
C711 10/16
HL
F
C712 0.1 /16
GND
R716 100
R715 100
R720 100
IC711
CXA1875AM-X
16 VCC
15 SCL0
14 SDA0
13 GND
12 CS
11 CS
10 NC
9 /TEMP
1 HP_DET
2 ILUMI
3 HP_MUTE
4 CSYNC/OTH
5 TU_ATT
6 RGBOTH
7 HP_VOL
8 GND
R722 1K
R713 100
R711 0
R714 0
R717 10K
GND
DSPRST
TEMP
SHEET5
HP_VOL
CODECRST
HP_MUTE
HP_DET
SHEET5
L866 L22
L867 L22
C868 0.1
C889 10 /16
HL
5
P
C872 0.1
C890 10 /16
HL
59
P
74
CH
4
27
R883 470
CH
C873 33p
5
GND

| ASS' Y No. | LCA90467 -01* | LCA90467 -02* | LCA90467 -03* | LCA90467 -04* |
|---|---|---|---|---|
| | SFL-1101A | SFL-1102A | SFL-1121A | SFL-1122A |
| | OLLC07664 | OLLC07664-02 | OLLC08320 | OLLC08320-02 |
| R412 | 0 | 0 | OPEN | OPEN |
| R413 | 0 | 0 | OPEN | OPEN |
| C403 | 47/16 | 47/16 | 47/16 | 47/16 |
| C404 | 0.1 /16 | 0.1 /16 | 0.1 /16 | 0.1 /16 |
| C405 | NCB11AK -475X | NCB11AK -475X | NCB11AK -475X | NCB11AK -475X |
| C406 | NCB11AK -475X | NCB11AK -475X | NCB11AK -475X | NCB11AK -475X |
| Q810 | OPEN | OPEN | PNP | PNP |
| R839 | OPEN | OPEN | 2.2K | 2.2K |
| R840 | OPEN | OPEN | 100 | 100 |

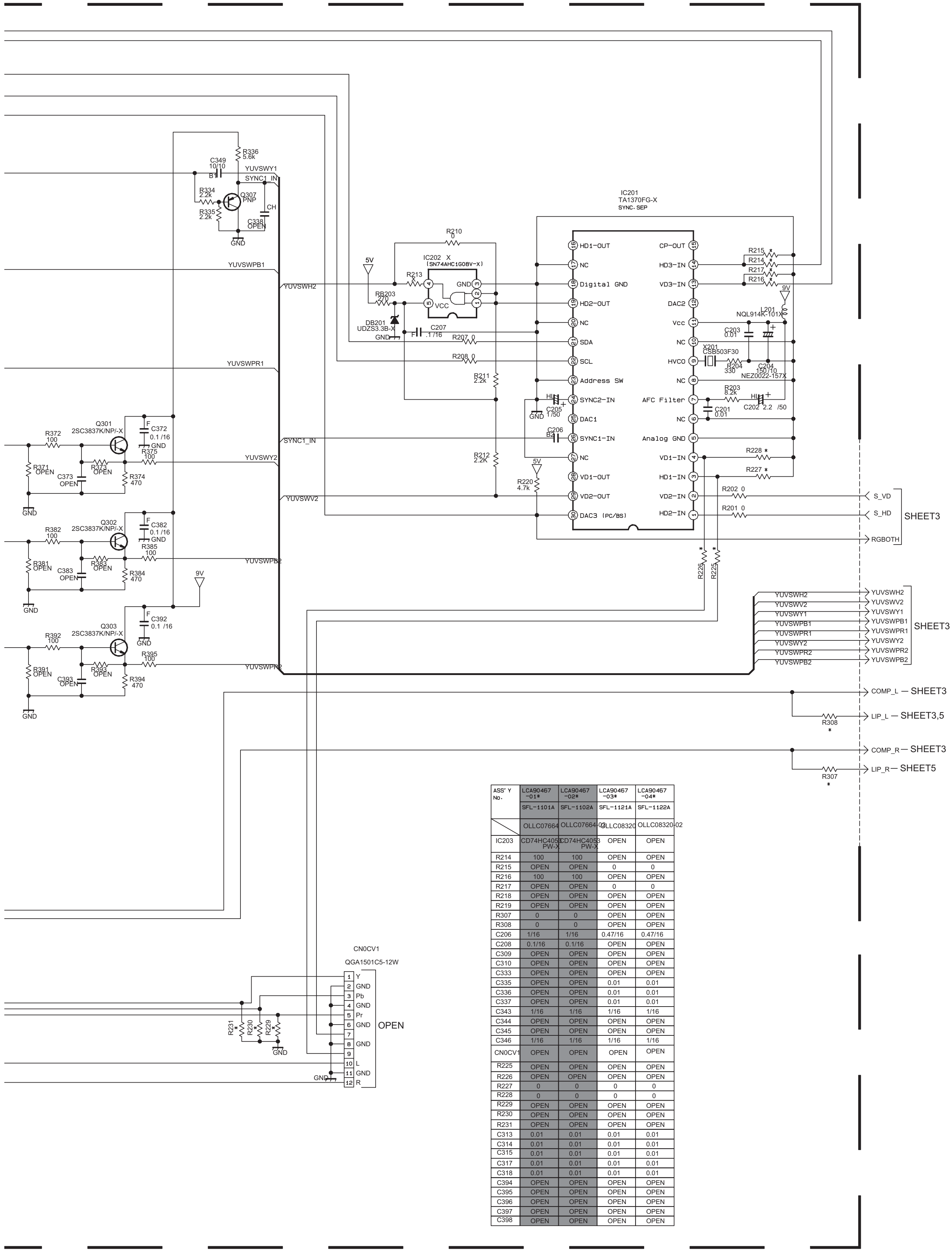
c10347001a003_0506_3/5_1.0


SHEET2 PC_VS
SHEET3 BSVS
SHEET3 BSHS
SHEET2 PC_HS
R218 OPEN
RB201 OPEN
R219 OPEN
RB202 OPEN
C208
5V
GND
IC203
VPD Y X 1X 0X A B C
IY OY IZ Z-COM OZ INH VEE VSS
SHEET2 PC_DET PC_R PC_G PC_B
SHEET2,3,5,6 SDA3B5 SCL3B5
SHEET2 L_SWMAIN R_SWMAIN
SHEET3 S_Y S_B_Y S_R_Y
SHEET2 L_SWSUB R_SWSUB CPY1 CPB1 CPR1
SHEET2,3 D13_YS1
SHEET2 CPY3 CPB3 CPR3 CENTIN
SHEET3 TEXT_FR1 TEXT_FG1 TEXT_FB1
SHEET2 EUROL4 EUROR4
SHEET3 HDMI_DL HDMI_DR
SDA3B5 SCL3B5
CPB3 CPY3 EUROR4 EUROL4 TEXT_FR1 TEXT_FB1 TEXT_FG1 CENTIN CPR3
C340 OPEN C339 OPEN C310 C309 C308 OPEN C305 OPEN C307 OPEN C304 OPEN C306 OPEN C303 OPEN
C342 .01 C341 .01 C333 B1
C323 NBZ0010-396X
C322 0.1 /16
9V
5V
RB302 OPEN
D13_YS1 PC_G PC_B PC_R
C335 C336 C337
C329 1/16 C330 1/16 B2
C324 1/16 C325 1/16 C326 1/16 C327 1/16 C328 1/16
C331 OPEN C332 OPEN C334 OPEN
CB301 OPEN CB302 OPEN
IC301 AN15852A
V3/CENTIN
TEXT/HDMI LR
to TC90A92
to JCC5055
MAIN
SUB
V1/HDMI LR
FRONT
MAIN LR
Rout1 BIAS
AGND2 YinM
RinS AGND6
Pbout3 Prout3 AGND9
Rin2 Lin2 APD2 Prin2 PDD2 Pbin2 VGND2 Yin2 AGND1 Rin1 Lin1 APD1 Prin1 PDD1 Pbin1 VGND1 Yin1 VVCC Yout1 VGND7 Pbout1 Prout1 AGND7 Lout1
PbinM PrinM VGND5 LinM RinM AGND5 SLVADR (94h) YinS PbinS PrinS VGND6 LinS
Yout2 VGND8 Pbout2 Prout2 AGND8 Lout2 Rout2 AVCC Yout3 VGND9 DCout
IVCC SDA SCL IGND Yin3 VGND3 Pbin3 PDD3 Prin3 APD3 Lin3 Rin3 AGND3 Yin4 VGND4 Pbin4 PPD4 Prin4 APD4 Lin4 Rin4 AGND4 Rout3 Lout3
NC
C321 10/16 HL
C319 47/16
C320 0.1 /16
C301 0.1 /16 C302 47/16 F HL R302 R303 0
C311 OPEN C312 OPEN C344 C345 C313 C314 C315 C316 .01 C317 C318 B1
C394 C395 C396 C397 C398 C343 C346 B2
RB301 OPEN R301 OPEN
SDA3B5 SCL3B5 CPY1 CPB1 CPR1 HDMI_DL HDMI_DR PC_DET
GND

# ANALOG SIGNAL PWB ASS'Y(3/5)

## SFL-1121A-M2 [LT-26X776/KA, LT-32X776/KA]

## SFL-1122A-M2 [LT-37X776/KA]



IC201
TA1370FG-X
SYNC.SEP
HD1-OUT
NC
Digital GND
HD2-OUT
NC
SDA
SCL
Address SW
SYNC2-IN
DAC1
SYNC1-IN
NC
VD1-OUT
VD2-OUT
DAC3 (PC/BS)
CP-OUT
HD3-IN
VD3-IN
DAC2
Vcc
NC
HVCO
NC
AFC Filter
NC
Analog GND
VD1-IN
HD1-IN
VD2-IN
HD2-IN
IC202 X
(SN74AHC1G08V-X)
GND
VCC
R210 0
R213
RB203 270
5V
DB201
UDZS3.3B-X
GND
C207 .1/16
R207 0
R208 0
R211 2.2k
R212 2.2K
R220 4.7k
5V
C205 1/50
C206 B4
GND
R215 *
R214 *
R217 *
R216 *
9V
L201
NQL914K-101X
C203 0.01
X201
CSB503F30
R204 330
C204 150/10
NEZ0022-157X
R203 8.2k
C202 2.2 /50
C201 0.01
R228 *
R227 *
R202 0
R201 0
S_VD
S_HD
RGBOTH
SHEET3
R226 *
R225 *
YUVSWH2
YUVSWV2
YUVSWY1
YUVSWPB1
YUVSWPR1
YUVSWY2
YUVSWPR2
YUVSWPB2
SHEET3
COMP_L — SHEET3
LIP_L — SHEET3,5
R308 *
COMP_R — SHEET3
LIP_R — SHEET5
R307 *
C349 10/10 B
R336 5.6k
YUVSWY1
SYNC1_IN
R334 2.2k
Q307 PNP
R335 2.2k
CH
C338 OPEN
GND
YUVSWPB1
YUVSWH2
YUVSWPR1
SYNC1_IN
YUVSWY2
YUVSWV2
YUVSWPB2
YUVSWPR2
Q301
2SC3837K/NP/-X
R372 100
C372 0.1 /16
F
GND
R375 100
R371 OPEN
R373 OPEN
C373 OPEN
R374 470
Q302
2SC3837K/NP/-X
R382 100
C382 0.1 /16
F
GND
R385 100
R381 OPEN
R383 OPEN
C383 OPEN
R384 470
9V
Q303
2SC3837K/NP/-X
R392 100
C392 0.1 /16
F
GND
R395 100
R391 OPEN
R393 OPEN
C393 OPEN
R394 470
GND
CN0CV1
QGA1501C5-12W
1 Y
2 GND
3 Pb
4 GND
5 Pr
6 GND
7
8 GND
9
10 L
11 GND
12 R
OPEN
R231 *
R230 *
R229 *
GND

| ASS' Y No. | LCA90467 -01* | LCA90467 -02* | LCA90467 -03* | LCA90467 -04* |
|---|---|---|---|---|
| | SFL-1101A | SFL-1102A | SFL-1121A | SFL-1122A |
| | OLLC07664 | OLLC07664-02 | OLLC08320 | OLLC08320-02 |
| IC203 | CD74HC4053 PW-X | CD74HC4053 PW-X | OPEN | OPEN |
| R214 | 100 | 100 | OPEN | OPEN |
| R215 | OPEN | OPEN | 0 | 0 |
| R216 | 100 | 100 | OPEN | OPEN |
| R217 | OPEN | OPEN | 0 | 0 |
| R218 | OPEN | OPEN | OPEN | OPEN |
| R219 | OPEN | OPEN | OPEN | OPEN |
| R307 | 0 | 0 | OPEN | OPEN |
| R308 | 0 | 0 | OPEN | OPEN |
| C206 | 1/16 | 1/16 | 0.47/16 | 0.47/16 |
| C208 | 0.1/16 | 0.1/16 | OPEN | OPEN |
| C309 | OPEN | OPEN | OPEN | OPEN |
| C310 | OPEN | OPEN | OPEN | OPEN |
| C333 | OPEN | OPEN | OPEN | OPEN |
| C335 | OPEN | OPEN | 0.01 | 0.01 |
| C336 | OPEN | OPEN | 0.01 | 0.01 |
| C337 | OPEN | OPEN | 0.01 | 0.01 |
| C343 | 1/16 | 1/16 | 1/16 | 1/16 |
| C344 | OPEN | OPEN | OPEN | OPEN |
| C345 | OPEN | OPEN | OPEN | OPEN |
| C346 | 1/16 | 1/16 | 1/16 | 1/16 |
| CN0CV1 | OPEN | OPEN | OPEN | OPEN |
| R225 | OPEN | OPEN | OPEN | OPEN |
| R226 | OPEN | OPEN | OPEN | OPEN |
| R227 | 0 | 0 | 0 | 0 |
| R228 | 0 | 0 | 0 | 0 |
| R229 | OPEN | OPEN | OPEN | OPEN |
| R230 | OPEN | OPEN | OPEN | OPEN |
| R231 | OPEN | OPEN | OPEN | OPEN |
| C313 | 0.01 | 0.01 | 0.01 | 0.01 |
| C314 | 0.01 | 0.01 | 0.01 | 0.01 |
| C315 | 0.01 | 0.01 | 0.01 | 0.01 |
| C317 | 0.01 | 0.01 | 0.01 | 0.01 |
| C318 | 0.01 | 0.01 | 0.01 | 0.01 |
| C394 | OPEN | OPEN | OPEN | OPEN |
| C395 | OPEN | OPEN | OPEN | OPEN |
| C396 | OPEN | OPEN | OPEN | OPEN |
| C397 | OPEN | OPEN | OPEN | OPEN |
| C398 | OPEN | OPEN | OPEN | OPEN |

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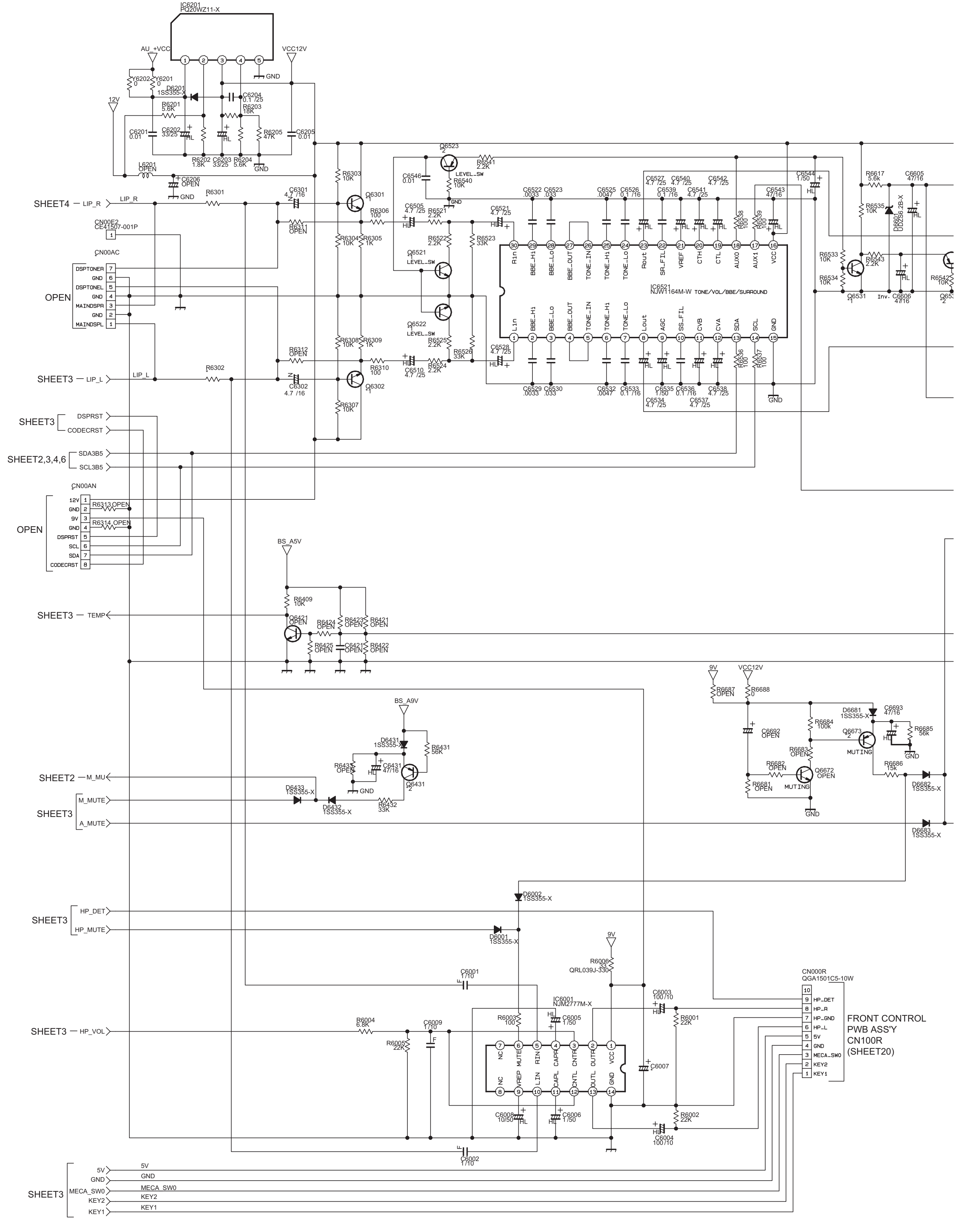
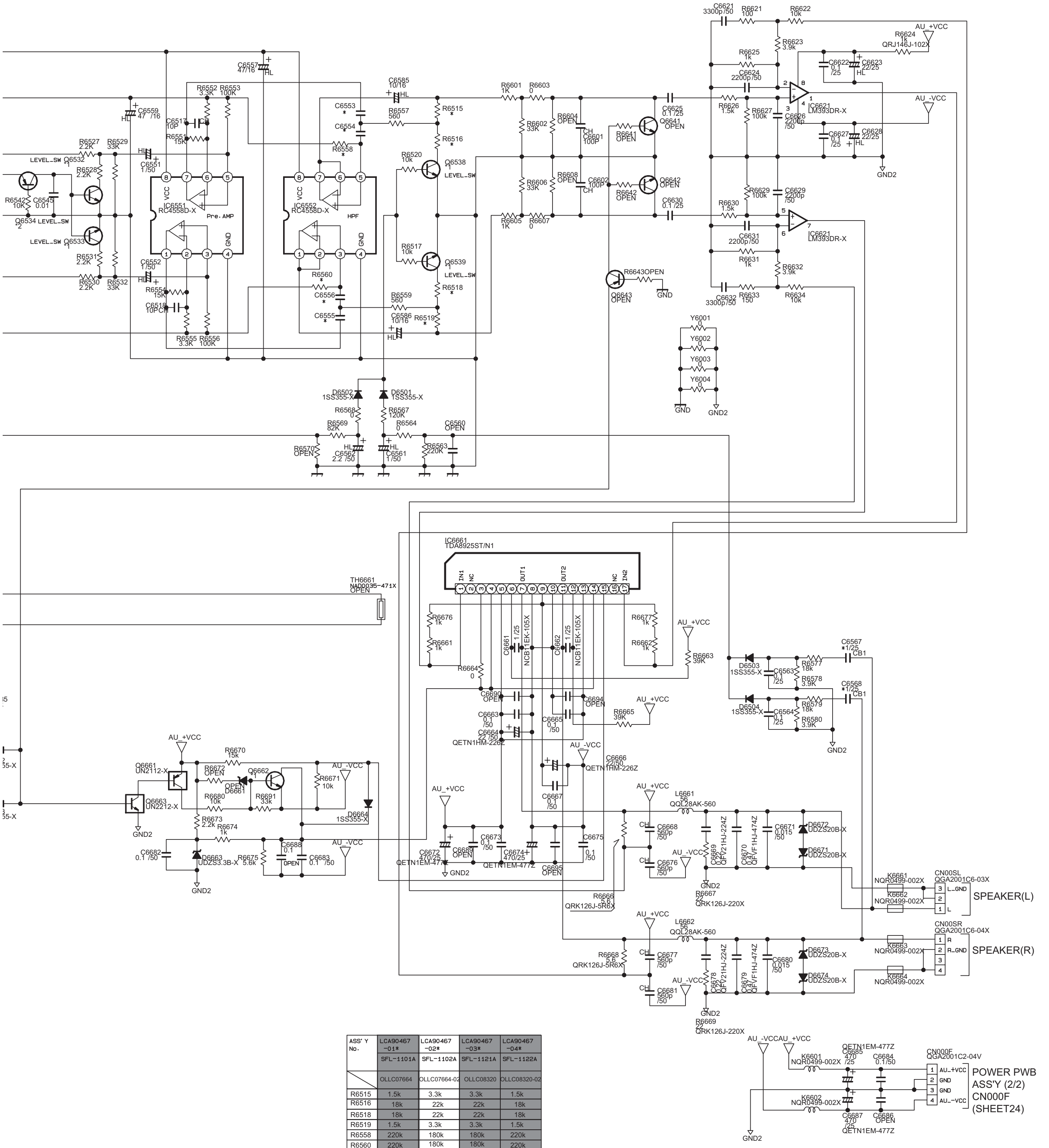
# ANALOG SIGNAL PWB CIRCUIT DIAGRAM (4/5) SHEET 5



IC6201
PQ20WZ11-X
AU_+VCC
VCC12V
GND
Y6202 0
Y6201 0
D6201 1SS355-X
C6204 0.1 /25
12V
R6201 5.6K
R6203 18K
C6201 0.01
C6202 33/25
HL
R6205 47K
C6205 0.01
R6202 1.8K
C6203 33/25
R6204 5.6K
L6201 OPEN
C6206 OPEN
SHEET4
LIP_R
R6301
C6301 4.7 /16
Q6301
R6303 10K
R6306 100
C6505 4.7 /25
R6521 2.2K
C6521 4.7 /25
R6523 33K
R6311 OPEN
CN00E2
CE41507-001P
CN00AC
DSPTONER
GND
DSPTONEL
MAINDSPR
MAINDSPL
OPEN
R6304 10K
R6305 1K
R6522 2.2K
Q6521
LEVEL_SW
Q6522
Q6523
C6546 0.01
R6541 2.2K
R6540 10K
C6522 .0033
C6523 .033
C6525 .0047
C6526 0.1 /16
C6527 4.7 /25
C6539 0.1 /16
C6540 4.7 /25
C6541 4.7 /25
C6542 4.7 /25
C6544 1/50
C6543 47/16
R6538 100
R6539 100
IC6521
NJW1164M-W TONE/VOL/BBE/SURROUND
Rin
BBE_Hi
BBE_Lo
BBE_OUT
TONE_IN
TONE_Hi
TONE_Lo
Rout
SR_FIL
VREF
CTH
CTL
AUX0
AUX1
VCC
Lin
Lout
AGC
SS_FIL
CVB
CVA
SDA
SCL
GND
R6308 10K
R6309 1K
R6312 OPEN
R6310 100
C6510 4.7 /25
R6525 2.2K
R6524 2.2K
R6526 33K
C6528 4.7 /25
SHEET3
LIP_L
R6302
C6302 4.7 /16
Q6302
R6307 10K
C6529 .0033
C6530 .033
C6532 .0047
C6533 0.1 /16
C6534 4.7 /25
C6535 1/50
C6536 0.1 /16
C6537 4.7 /25
C6538 4.7 /25
R6536 100
R6537 100
R6617 5.6K
C6605 47/16
R6535 10K
D6601 UDZS6.2B-X
R6533 10K
R6543 2.2K
R6534 10K
Q6531
Inv.
C6606 47/16
R6542 10K
Q653
DSPRST
CODECRST
SHEET2,3,4,6
SDA3B5
SCL3B5
CN00AN
R6313 OPEN
R6314 OPEN
9V
SCL
SDA
BS_A5V
R6409 10K
TEMP
Q6421 OPEN
R6424 OPEN
R6423 OPEN
R6421 OPEN
R6425 OPEN
C6421 OPEN
R6422 OPEN
BS_A9V
D6431 1SS355-X
R6431 56K
R6433 OPEN
C6431 47/16
Q6431
SHEET2
M_MU
D6433 1SS355-X
D6432 1SS355-X
R6432 33K
M_MUTE
A_MUTE
R6687 OPEN
R6688 0
D6681 1SS355-X
C6693 47/16
C6692 OPEN
R6684 100K
Q6673
MUTING
R6685 56K
R6683 OPEN
R6682 OPEN
Q6672 OPEN
R6686 15K
D6682 1SS355-X
R6681 OPEN
D6683 1SS355-X
D6002 1SS355-X
HP_DET
HP_MUTE
D6001 1SS355-X
R6006 33
QRL039J-330
C6001 1/10
C6003 100/10
CN000R
QGA1501C5-10W
IC6001
NJM2777M-X
R6003 100
C6005 1/50
R6001 22K
HP_VOL
R6004 6.8K
C6009 1/10
R6005 22K
NC
VREP
MUTE
RIN
LIN
CAPR
CAPL
CNTR
CNTL
OUTR
OUTL
C6007
C6008 10/50
C6006 1/50
R6002 22K
C6004 100/10
C6002 1/10
HP_DET
HP_R
HP_GND
HP_L
5V
MECA_SW0
KEY2
KEY1
FRONT CONTROL PWB ASS'Y CN100R (SHEET20)

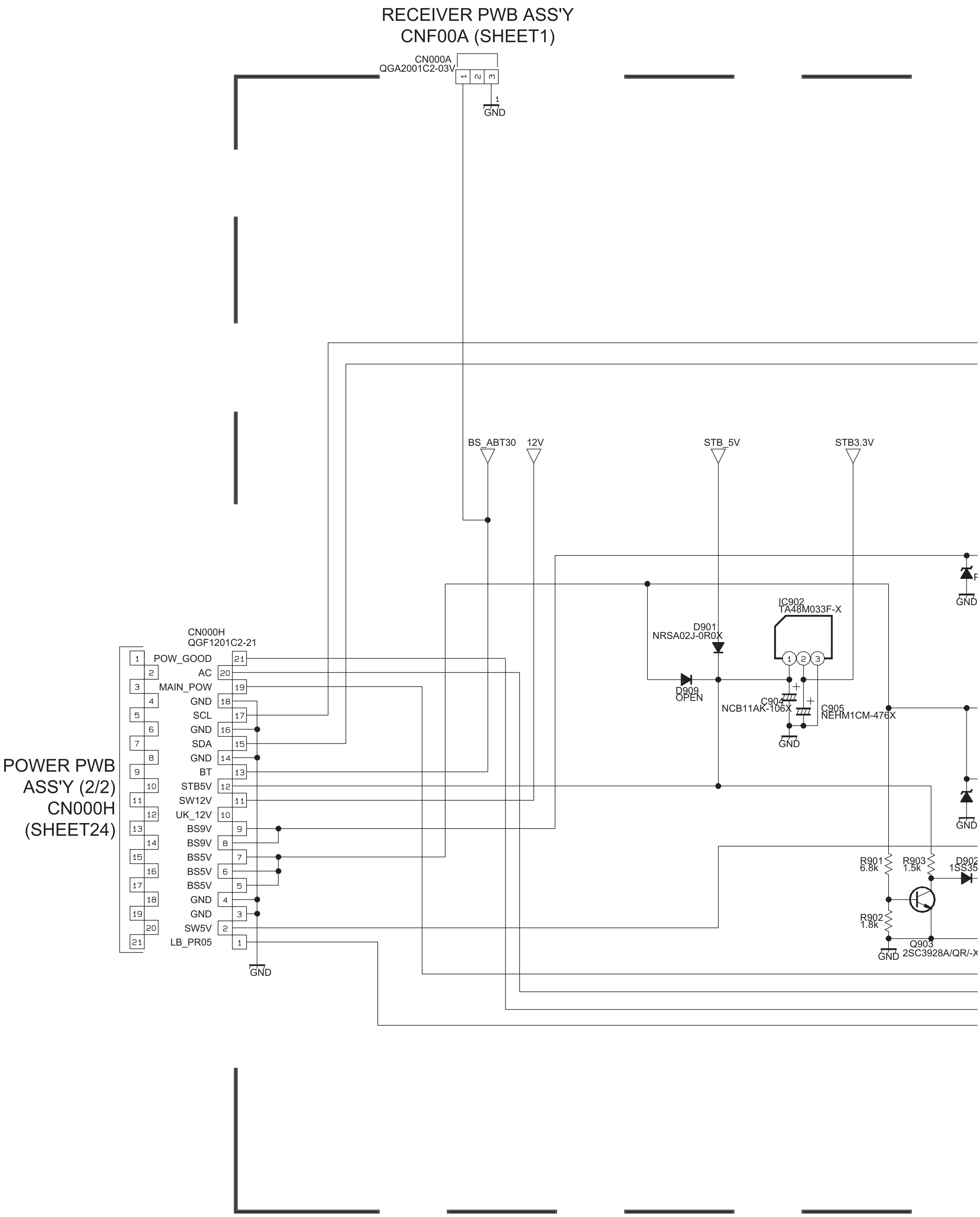
# ANALOG SIGNAL PWB ASS'Y(4/5)
## SFL-1121A-M2 [LT-26X776/KA, LT-32X776/KA]
## SFL-1122A-M2 [LT-37X776/KA]


IC6551 RC4558D-X
Pre.AMP
IC6552 RC4558D-X
HPF
LEVEL_SW
Q6532
Q6533
Q6534
Q6538
Q6539
IC6621 LM393DR-X
Q6641
Q6642
Q6643
IC6661 TDA8925ST/N1
IN1
NC
OUT1
OUT2
IN2
TH6661 NAD0035-471X OPEN
Q6661 UN2112-X
Q6662
Q6663 UN2212-X
D6501 1SS355-X
D6502 1SS355-X
D6503 1SS355-X
D6504 1SS355-X
D6663 UDZS3.3B-X
D6664 1SS355-X
L6661 QQL28AK-560
L6662 QQL28AK-560
D6671 UDZS20B-X
D6672 UDZS20B-X
D6673 UDZS20B-X
D6674 UDZS20B-X
CN00SL QGA2001C6-03X
L_GND
L
SPEAKER(L)
CN00SR QGA2001C6-04X
R
R_GND
SPEAKER(R)
K6661 NQR0499-002X
K6662 NQR0499-002X
K6663 NQR0499-002X
K6664 NQR0499-002X
AU_+VCC
AU_-VCC
GND
GND2
Y6001
Y6002
Y6003
Y6004
K6601 NQR0499-002X
K6602 NQR0499-002X
C6685 QETN1EM-477Z
C6687 QETN1EM-477Z
CN000F QGA2001C2-04V
AU_+VCC
GND
GND
AU_-VCC
POWER PWB ASS'Y (2/2) CN000F (SHEET24)

| ASS' Y No. | LCA90467 -01* | LCA90467 -02* | LCA90467 -03* | LCA90467 -04* |
|---|---|---|---|---|
| | SFL-1101A | SFL-1102A | SFL-1121A | SFL-1122A |
| | OLLC07664 | OLLC07664-02 | OLLC08320 | OLLC08320-02 |
| R6515 | 1.5k | 3.3k | 3.3k | 1.5k |
| R6516 | 18k | 22k | 22k | 18k |
| R6518 | 18k | 22k | 22k | 18k |
| R6519 | 1.5k | 3.3k | 3.3k | 1.5k |
| R6558 | 220k | 180k | 180k | 220k |
| R6560 | 220k | 180k | 180k | 220k |
| C6553 | 0.1/16 | 0.068/16 | 0.068/16 | 0.1/16 |
| C6554 | 0.1/16 | 0.068/16 | 0.068/16 | 0.1/16 |
| C6555 | 0.1/16 | 0.068/16 | 0.068/16 | 0.1/16 |
| C6556 | 0.1/16 | 0.068/16 | 0.068/16 | 0.1/16 |
| R6301 | OPEN | OPEN | 0 | 0 |
| R6302 | OPEN | OPEN | 0 | 0 |
| CN00AC | QGA2001C2 -07V | QGA2001C2 -07V | OPEN | OPEN |
| CN00AN | QGA2001C2 -08V | QGA2001C2 -08V | OPEN | OPEN |
| C6007 | QETN1AM -108Z | QETN1AM -108Z | QETN1AM -108Z | QETN1AM -108Z |

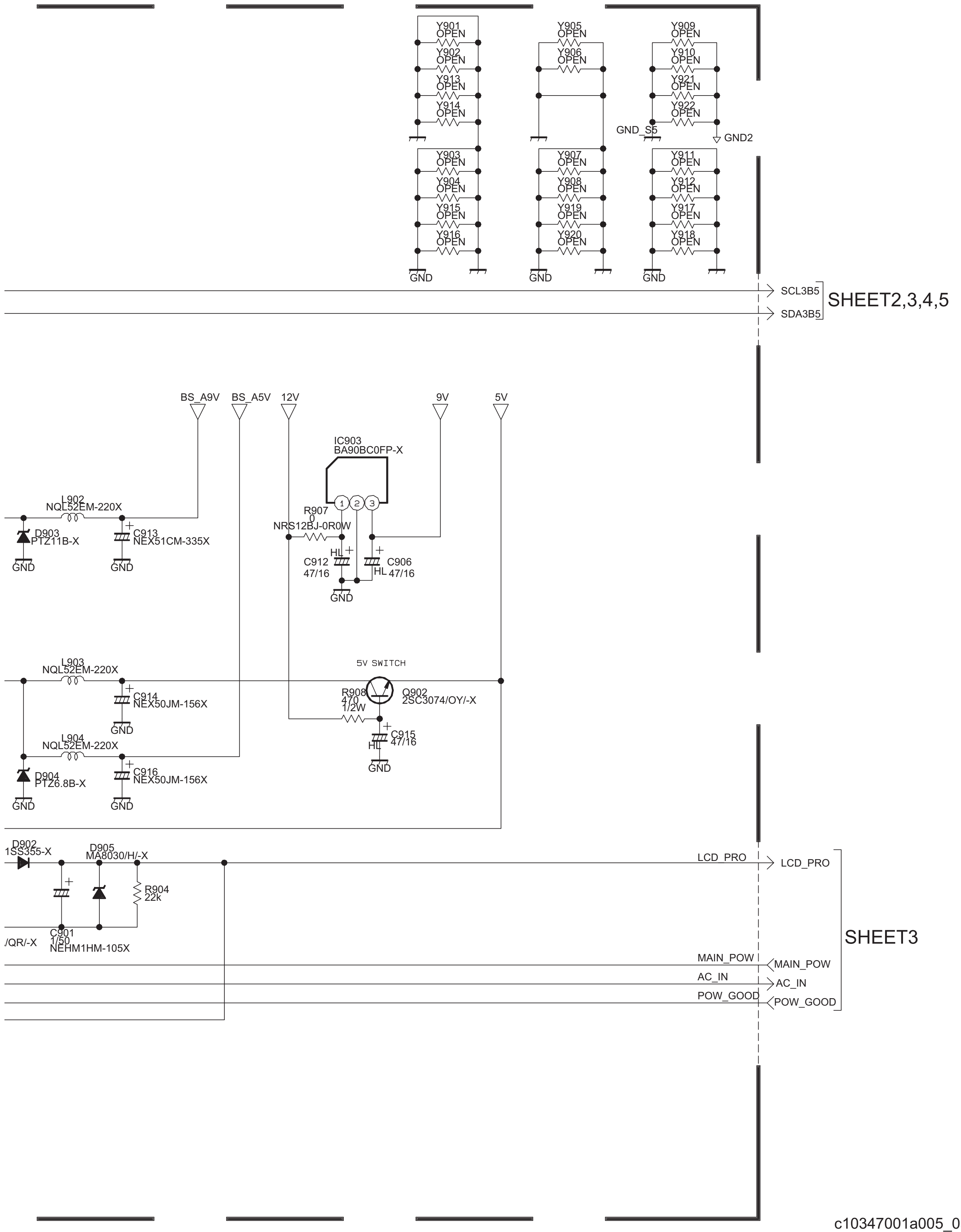
c10347001a004_0506_4/5_1.0

# *ANALOG SIGNAL PWB CIRCUIT DIAGRAM (5/5) SHEET 6*


RECEIVER PWB ASS'Y
CNF00A (SHEET1)
CN000A
QGA2001C2-03V
1
2
3
1
GND
BS_ABT30
12V
STB_5V
STB3.3V
IC902
TA48M033F-X
D901
NRSA02J-0R0X
D909
OPEN
C904
NCB11AK-106X
C905
NEHM1CM-476X
GND
CN000H
QGF1201C2-21
POWER PWB
ASS'Y (2/2)
CN000H
(SHEET24)
POW_GOOD
AC
MAIN_POW
GND
SCL
GND
SDA
GND
BT
STB5V
SW12V
UK_12V
BS9V
BS9V
BS5V
BS5V
BS5V
GND
GND
SW5V
LB_PR05
GND
R901
6.8k
R902
1.8k
R903
1.5k
D902
1SS35
Q903
2SC3928A/QR/-X
GND

# ANALOG SIGNAL PWB ASS'Y(5/5)

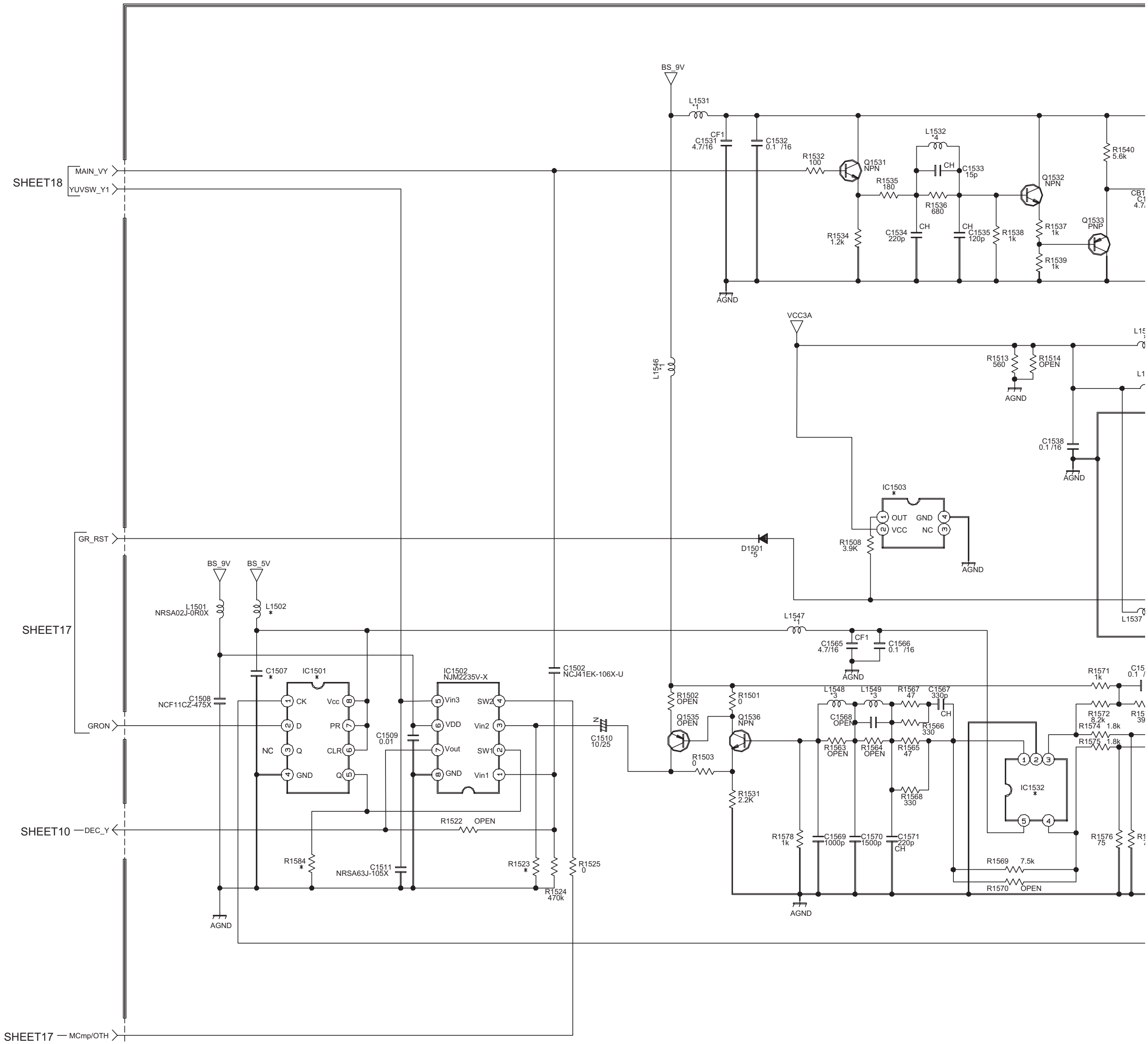
## SFL-1121A-M2 [LT-26X776/KA, LT-32X776/KA]
## SFL-1122A-M2 [LT-37X776/KA]



Y901 OPEN
Y902 OPEN
Y913 OPEN
Y914 OPEN
Y903 OPEN
Y904 OPEN
Y915 OPEN
Y916 OPEN
Y905 OPEN
Y906 OPEN
Y907 OPEN
Y908 OPEN
Y919 OPEN
Y920 OPEN
Y909 OPEN
Y910 OPEN
Y921 OPEN
Y922 OPEN
Y911 OPEN
Y912 OPEN
Y917 OPEN
Y918 OPEN
GND_S5
GND2
GND
SCL3B5
SDA3B5
SHEET2,3,4,5
BS_A9V
BS_A5V
12V
9V
5V
IC903
BA90BC0FP-X
R907
0
NRS12BJ-0R0W
C912
47/16
HL
C906
47/16
L902
NQL52EM-220X
D903
PTZ11B-X
C913
NEX51CM-335X
5V SWITCH
L903
NQL52EM-220X
C914
NEX50JM-156X
R908
470
1/2W
Q902
2SC3074/OY/-X
C915
47/16
L904
NQL52EM-220X
D904
PTZ6.8B-X
C916
NEX50JM-156X
D902
1SS355-X
D905
MA8030/H/-X
R904
22k
C901
1/50
NEHM1HM-105X
/QR/-X
LCD_PRO
MAIN_POW
AC_IN
POW_GOOD
SHEET3

c10347001a005_0506_5/5_1.0

## *DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (1/11) SHEET 8*



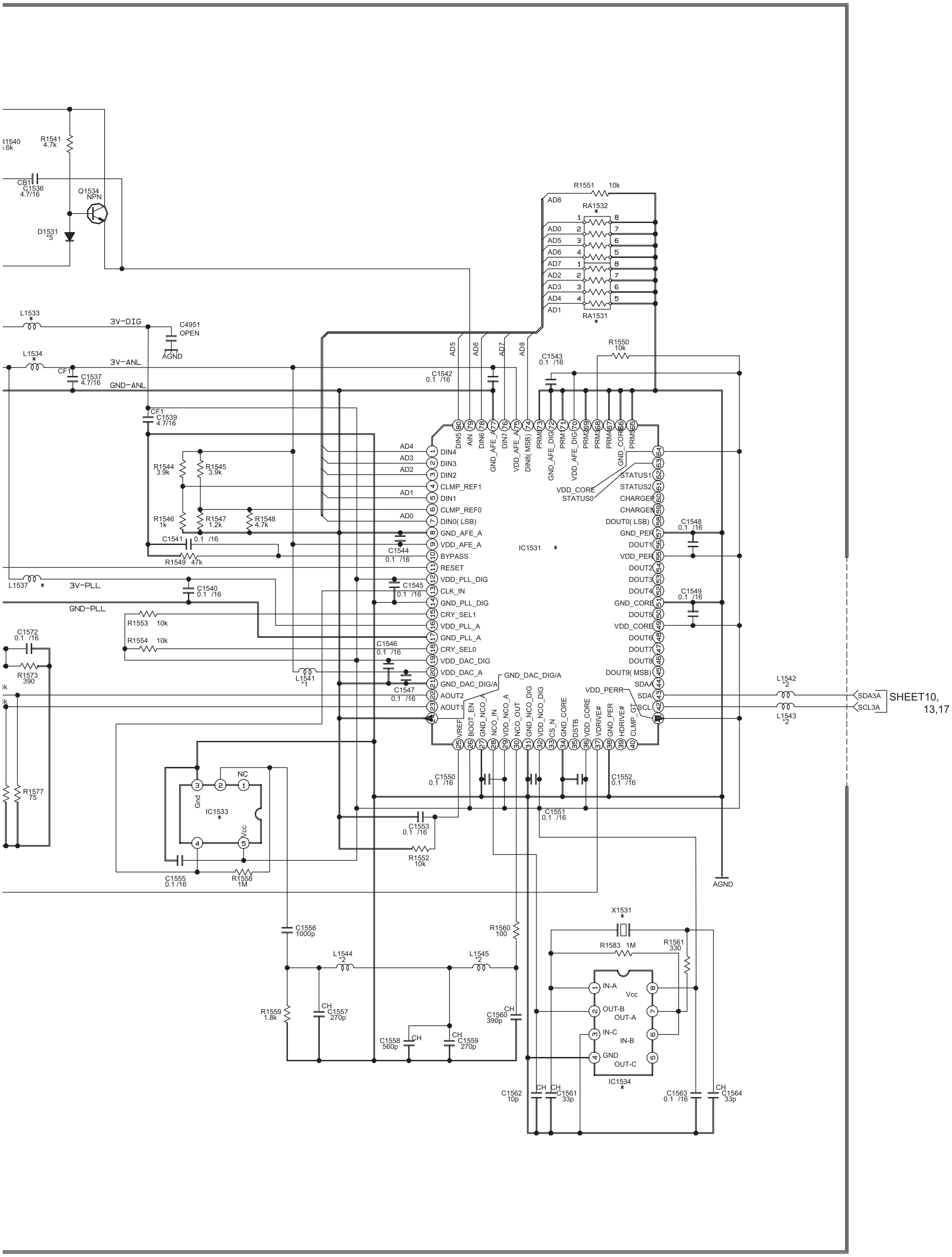
SHEET18
MAIN_VY
YUVSW_Y1
SHEET17
GR_RST
GRON
SHEET10
DEC_Y
SHEET17
MCmp/OTH
BS_9V
L1531 *1
CF1
C1531 4.7/16
C1532 0.1 /16
R1532 100
Q1531 NPN
L1532 *4
CH
C1533 15p
R1535 180
R1536 680
Q1532 NPN
R1540 5.6k
R1534 1.2k
C1534 220p
CH
C1535 120p
R1538 1k
R1537 1k
Q1533 PNP
R1539 1k
AGND
VCC3A
R1513 560
R1514 OPEN
AGND
L1546 *1
C1538 0.1 /16
AGND
IC1503 *
OUT
GND
VCC
NC
R1508 3.9K
AGND
D1501 *5
BS_9V
BS_5V
L1501 NRSA02J-0R0X
L1502 *
L1547 *1
C1565 4.7/16
CF1
C1566 0.1 /16
AGND
L1537
C1507 *
IC1501 *
C1508 NCF11CZ-475X
CK
Vcc
D
PR
NC
Q
CLR
GND
Q
C1509 0.01
IC1502 NJM2235V-X
Vin3
SW2
VDD
Vin2
Vout
SW1
GND
Vin1
C1502 NCJ41EK-106X-U
C1510 10/25
R1502 OPEN
Q1535 OPEN
R1501 0
Q1536 NPN
R1503 0
R1531 2.2K
L1548 *3
L1549 *3
R1567 47
C1567 330p
CH
C1568 OPEN
R1566 330
R1563 OPEN
R1564 OPEN
R1565 47
R1568 330
R1571 1k
R1572 8.2k
R1574 1.8k
R1575 1.8k
IC1532 *
R1578 1k
C1569 1000p
C1570 1500p
C1571 220p
CH
R1569 7.5k
R1570 OPEN
R1576 75
AGND
R1522 OPEN
R1584 *
C1511 NRSA63J-105X
R1523 *
R1524 470k
R1525 0
AGND

- NOTE -

0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
*1 : NQR0413-003X
*2 : NQL092K-100X
*3 : NQL092K-2R2X
*4 : NQL092K-8R8X
*5 : 1SS355-X

# DIGITAL SIGNAL PWB ASS'Y (1/11)

SFL0D133A-M2 [LT-26X776/KA]
SFL0D132A-M2 [LT-32X776/KA]
SFL0D131A-M2 [LT-37X776/KA]

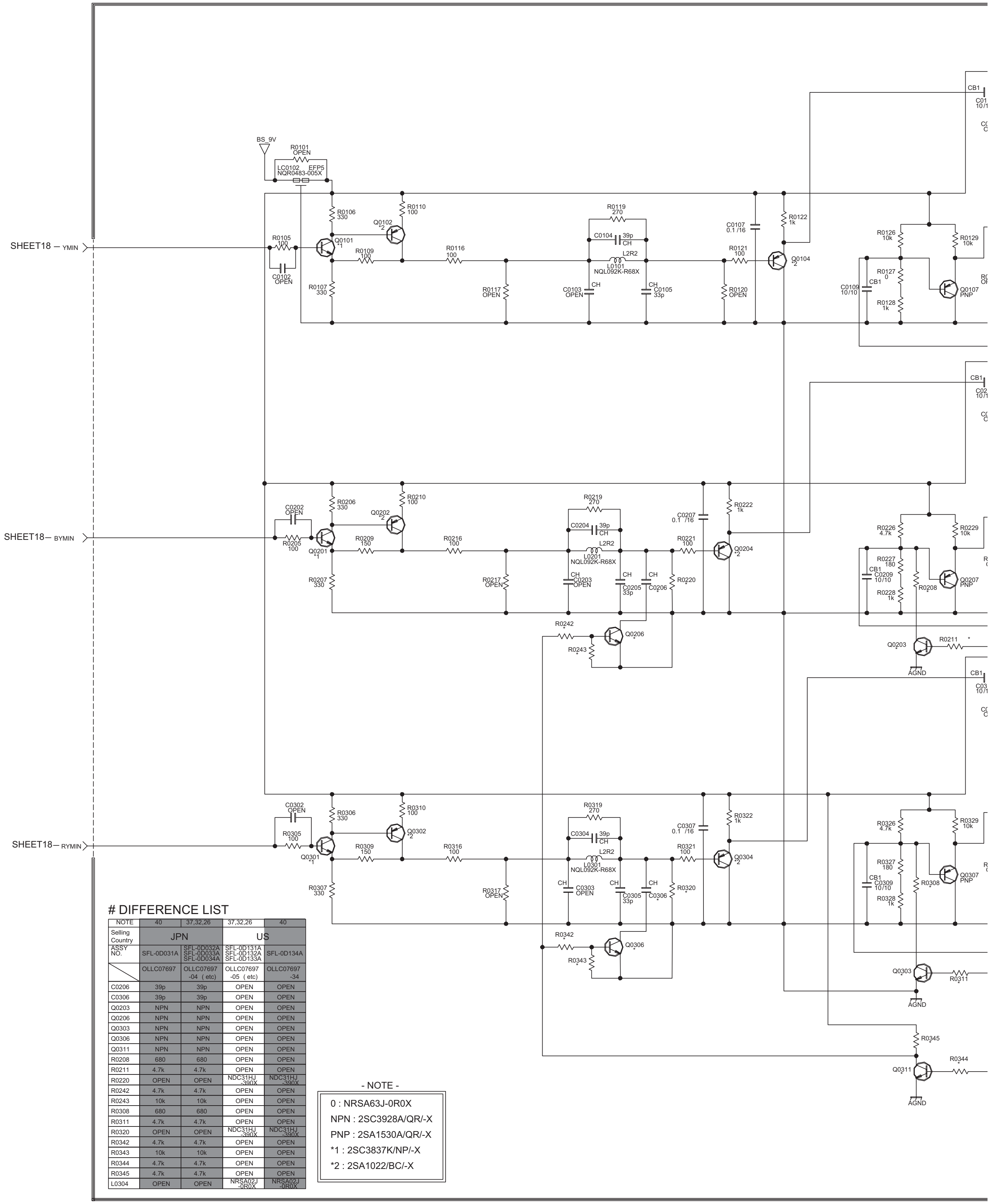


R1540
R1541 4.7k
CB1 C1536 4.7/16
Q1534 NPN
D1531 *5
L1533 *
3V-DIG
C4951 OPEN
AGND
L1534 *
CF1
C1537 4.7/16
3V-ANL
GND-ANL
CF1 C1539 4.7/16
R1544 3.9k
R1545 3.9k
R1546 1k
R1547 1.2k
R1548 4.7k
C1541 0.1 /16
R1549 47k
L1537 *
3V-PLL
GND-PLL
C1540 0.1 /16
R1553 10k
R1554 10k
C1572 0.1 /16
R1573 390
R1577 75
R1551 10k
AD8
RA1532 *
AD0
AD5
AD6
AD7
AD2
AD3
AD4
AD1
RA1531 *
R1550 10k
AD5
AD6
AD7
AD8
C1543 0.1 /16
C1542 0.1 /16
IC1531 *
DIN4
DIN3
DIN2
CLMP_REF1
DIN1
CLMP_REF0
DIN0( LSB)
GND_AFE_A
VDD_AFE_A
BYPASS
RESET
VDD_PLL_DIG
CLK_IN
GND_PLL_DIG
CRY_SEL1
VDD_PLL_A
GND_PLL_A
CRY_SEL0
VDD_DAC_DIG
VDD_DAC_A
GND_DAC_DIG/A
AOUT2
AOUT1
DIN5
AIN
DIN6
GND_AFE_A
DIN7
VDD_AFE_A
DIN8( MSB)
PRM
GND_AFE_DIG
PRM
VDD_AFE_DIG
PRM
PRM
PRM
GND_CORE
PRM
VDD_CORE
STATUS0
STATUS1
STATUS2
CHARGER
CHARGEN
DOUT0( LSB)
GND_PER
DOUT1
VDD_PER
DOUT2
DOUT3
DOUT4
GND_CORE
DOUT5
VDD_CORE
DOUT6
DOUT7
DOUT8
DOUT9( MSB)
VDD_PERR
SDAA
SDA
SCL
GND_DAC_DIG/A
VREF
BOOT_EN
GND_NCO_A
NCO_IN
VDD_NCO_A
NCO_OUT
GND_NCO_DIG
VDD_NCO_DIG
CS_N
GND_CORE
DSTB
VDD_CORE
VDRIVE#
GND_PER
HDRIVE#
CLMP_GT
C1544 0.1 /16
C1545 0.1 /16
C1546 0.1 /16
C1547 0.1 /16
L1541 *1
C1548 0.1 /16
C1549 0.1 /16
L1542 *2
L1543 *2
SDA3A
SCL3A
SHEET10, 13,17
C1550 0.1 /16
C1552 0.1 /16
C1551 0.1 /16
C1553 0.1 /16
R1552 10k
NC
Gnd
IC1533 *
Vcc
C1555 0.1 /16
R1558 1M
AGND
C1556 1000p
L1544 *2
L1545 *2
R1560 100
R1559 1.8k
CH C1557 270p
C1558 560p CH
CH C1559 270p
CH C1560 390p
X1531 *
R1583 1M
R1561 330
IN-A
Vcc
OUT-B
OUT-A
IN-C
IN-B
GND
OUT-C
IC1534 *
C1562 10p
CH CH C1561 33p
C1563 0.1 /16
CH C1564 33p

# DIFFERENCE LIST

| NOTE | 40 | 37,32,26 | 37,32,26 | 40 |
|---|---|---|---|---|
| Selling Country | JPN | | US | |
| ASSY NO. | SFL-0D031A | SFL-0D032A<br>SFL-0D033A<br>SFL-0D034A | SFL-0D131A<br>SFL-0D132A<br>SFL-0D133A | SFL-0D134A |
| | OLLC07697 | OLLC07697 -04 (etc) | OLLC07697 -05 (etc) | OLLC07697 -34 |
| C1507 | 0.1/16 | 0.1/16 | OPEN | OPEN |
| C1510 | | | OPEN | OPEN |
| C1531 | | | OPEN | OPEN |
| C1532 | | | OPEN | OPEN |
| C1533 | | | OPEN | OPEN |
| C1534 | | | OPEN | OPEN |
| C1535 | | | OPEN | OPEN |
| C1536 | | | OPEN | OPEN |
| C1537 | | | OPEN | OPEN |
| C1538 | | | OPEN | OPEN |
| C1539 | | | OPEN | OPEN |
| C1540 | | | OPEN | OPEN |
| C1541 | | | OPEN | OPEN |
| C1542 | | | OPEN | OPEN |
| C1543 | | | OPEN | OPEN |
| C1544 | | | OPEN | OPEN |
| C1545 | | | OPEN | OPEN |
| C1546 | | | OPEN | OPEN |
| C1547 | | | OPEN | OPEN |
| C1548 | | | OPEN | OPEN |
| C1549 | | | OPEN | OPEN |
| C1550 | | | OPEN | OPEN |
| C1551 | | | OPEN | OPEN |
| C1552 | | | OPEN | OPEN |
| C1553 | | | OPEN | OPEN |
| C1555 | | | OPEN | OPEN |
| C1556 | | | OPEN | OPEN |
| C1557 | | | OPEN | OPEN |
| C1558 | | | OPEN | OPEN |
| C1559 | | | OPEN | OPEN |
| C1560 | | | OPEN | OPEN |
| C1561 | | | OPEN | OPEN |
| C1562 | | | OPEN | OPEN |
| C1563 | | | OPEN | OPEN |
| C1564 | | | OPEN | OPEN |
| C1565 | | | OPEN | OPEN |
| C1566 | | | OPEN | OPEN |
| C1567 | | | OPEN | OPEN |
| C1569 | | | OPEN | OPEN |
| C1570 | | | OPEN | OPEN |
| C1571 | | | OPEN | OPEN |
| C1572 | | | OPEN | OPEN |
| D1501 | | | OPEN | OPEN |
| D1531 | | | OPEN | OPEN |
| L1502 | *1 | *1 | OPEN | OPEN |
| L1531 | | | OPEN | OPEN |
| L1532 | | | OPEN | OPEN |
| L1533 | NRSA02J -0R0X | NRSA02J -0R0X | OPEN | OPEN |
| L1534 | NRSA02J -0R0X | NRSA02J -0R0X | OPEN | OPEN |
| L1537 | NQL914K -470X | NQL914K -470X | OPEN | OPEN |
| L1541 | | | OPEN | OPEN |
| L1542 | | | OPEN | OPEN |
| L1543 | | | OPEN | OPEN |
| L1544 | | | OPEN | OPEN |
| L1545 | | | OPEN | OPEN |
| L1546 | | | OPEN | OPEN |
| L1547 | | | OPEN | OPEN |
| L1548 | | | OPEN | OPEN |
| L1549 | | | OPEN | OPEN |
| IC1501 | TC7W74 F-X | TC7W74 F-X | OPEN | OPEN |
| IC1503 | S-80828 CLNB-G-W | S-80828 CLNB-G-W | OPEN | OPEN |
| IC1531 | OR43304 BMOC | OR43304 BMOC | OPEN | OPEN |
| IC1532 | EL8101IWZ -X | EL8101IWZ -X | OPEN | OPEN |
| IC1533 | TC7S04FU -X | TC7S04FU -X | OPEN | OPEN |
| IC1534 | TC7WHU 04FU-X | TC7WHU 04FU-X | OPEN | OPEN |
| Q1531 | | | OPEN | OPEN |
| Q1532 | | | OPEN | OPEN |
| Q1533 | | | OPEN | OPEN |
| Q1534 | | | OPEN | OPEN |
| Q1536 | | | OPEN | OPEN |
| R1501 | | | OPEN | OPEN |
| R1503 | | | OPEN | OPEN |
| R1508 | | | OPEN | OPEN |
| R1513 | | | OPEN | OPEN |
| R1523 | 1M | 1M | NCB31CK -104X | NCB31CK -104X |
| R1531 | | | OPEN | OPEN |
| R1532 | | | OPEN | OPEN |
| R1534 | | | OPEN | OPEN |
| R1535 | | | OPEN | OPEN |
| R1536 | | | OPEN | OPEN |
| R1537 | | | OPEN | OPEN |
| R1538 | | | OPEN | OPEN |
| R1539 | | | OPEN | OPEN |
| R1540 | | | OPEN | OPEN |
| R1541 | | | OPEN | OPEN |
| R1544 | | | OPEN | OPEN |
| R1545 | | | OPEN | OPEN |
| R1546 | | | OPEN | OPEN |
| R1547 | | | OPEN | OPEN |
| R1548 | | | OPEN | OPEN |
| R1549 | | | OPEN | OPEN |
| R1550 | | | OPEN | OPEN |
| R1551 | | | OPEN | OPEN |
| R1552 | | | OPEN | OPEN |
| R1553 | | | OPEN | OPEN |
| R1554 | | | OPEN | OPEN |
| R1558 | | | OPEN | OPEN |
| R1559 | | | OPEN | OPEN |
| R1560 | | | OPEN | OPEN |
| R1561 | | | OPEN | OPEN |
| R1565 | | | OPEN | OPEN |
| R1566 | | | OPEN | OPEN |
| R1567 | | | OPEN | OPEN |
| R1568 | | | OPEN | OPEN |
| R1569 | | | OPEN | OPEN |
| R1571 | | | OPEN | OPEN |
| R1572 | | | OPEN | OPEN |
| R1573 | | | OPEN | OPEN |
| R1574 | | | OPEN | OPEN |
| R1575 | | | OPEN | OPEN |
| R1576 | | | OPEN | OPEN |
| R1577 | | | OPEN | OPEN |
| R1578 | | | OPEN | OPEN |
| R1583 | | | OPEN | OPEN |
| R1584 | OPEN | OPEN | 0 | 0 |
| RA1531 | NRZ0034 -103W | NRZ0034 -103W | OPEN | OPEN |
| RA1532 | NRZ0034 -103W | NRZ0034 -103W | OPEN | OPEN |
| X1531 | NAX0118 -001X | NAX0118 -001X | OPEN | OPEN |

## DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (2/11) SHEET 9

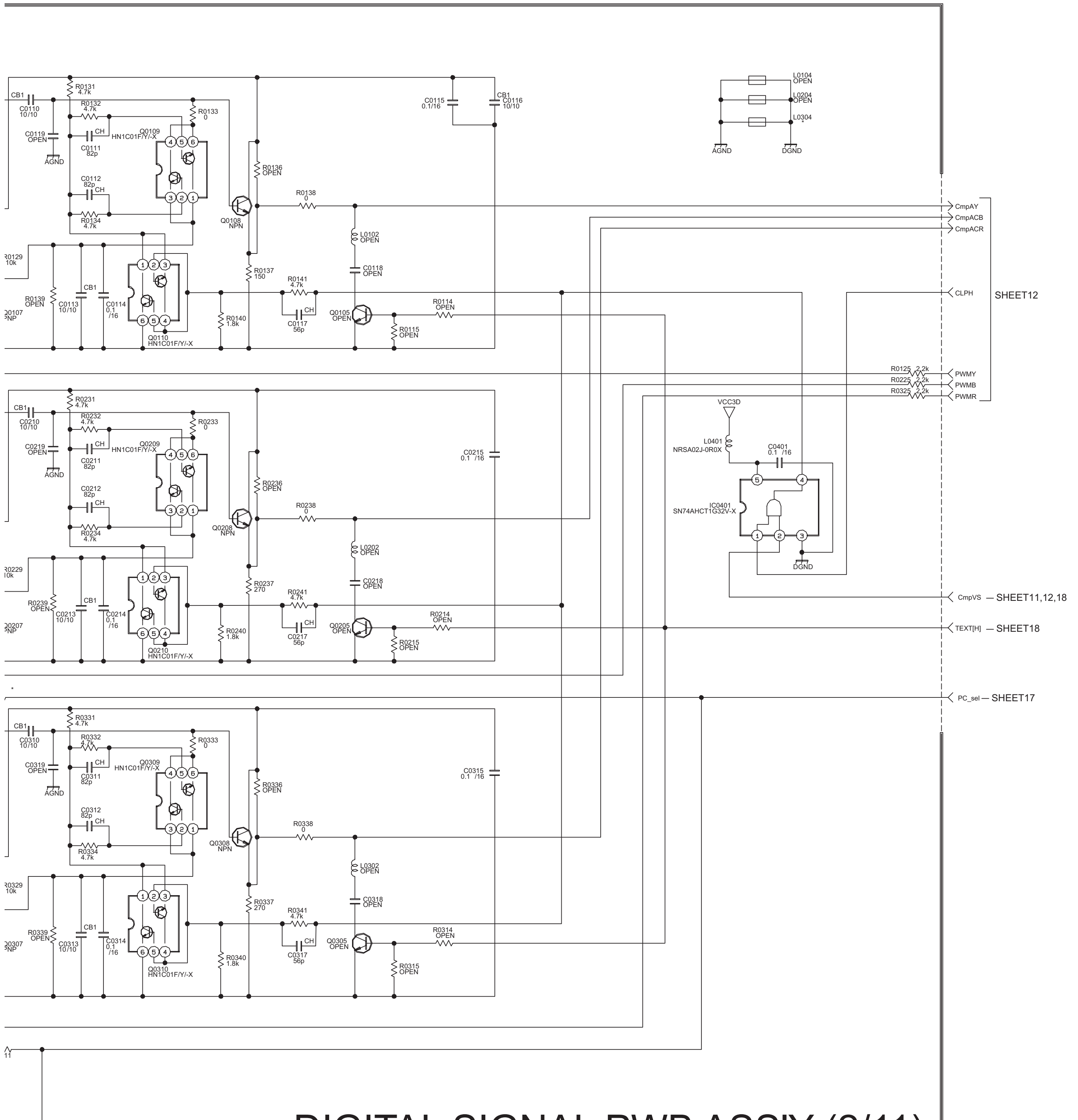

SHEET18 — YMIN
SHEET18— BYMIN
SHEET18— RYMIN
BS_9V
R0101 OPEN
LC0102 EFP5 NQR0483-005X
R0105 100
C0102 OPEN
Q0101 *1
R0106 330
R0107 330
Q0102 *2
R0110 100
R0109 100
R0116 100
R0117 OPEN
R0119 270
C0104 39p CH
L2R2
L0101 NQL092K-R68X
C0103 OPEN CH
C0105 33p CH
C0107 0.1 /16
R0121 100
R0120 OPEN
R0122 1k
Q0104 *2
R0126 10k
R0127 0
R0128 1k
C0109 10/10
CB1
Q0107 PNP
R0129 10k
C0202 OPEN
R0205 100
Q0201 *1
R0206 330
R0207 330
Q0202 *2
R0210 100
R0209 150
R0216 100
R0217 OPEN
R0219 270
C0204 39p CH
L0201 NQL092K-R68X
C0203 OPEN CH
C0205 33p CH
C0206 CH
R0220
C0207 0.1 /16
R0221 100
R0222 1k
Q0204 *2
R0242
R0243
Q0206
R0226 4.7k
R0227 180
R0228 1k
C0209 10/10
R0208
Q0207 PNP
R0229 10k
Q0203
R0211
AGND
C0302 OPEN
R0305 100
Q0301 *1
R0306 330
R0307 330
Q0302 *2
R0310 100
R0309 150
R0316 100
R0317 OPEN
R0319 270
C0304 39p CH
L0301 NQL092K-R68X
C0303 OPEN CH
C0305 33p CH
C0306 CH
R0320
C0307 0.1 /16
R0321 100
R0322 1k
Q0304 *2
R0342
R0343
Q0306
R0326 4.7k
R0327 180
R0328 1k
C0309 10/10
R0308
Q0307 PNP
R0329 10k
Q0303
R0311
R0345
Q0311
R0344

# DIFFERENCE LIST

| NOTE | 40 | 37,32,26 | 37,32,26 | 40 |
|---|---|---|---|---|
| Selling Country | JPN | | US | |
| ASSY NO. | SFL-0D031A | SFL-0D032A<br>SFL-0D033A<br>SFL-0D034A | SFL-0D131A<br>SFL-0D132A<br>SFL-0D133A | SFL-0D134A |
| | OLLC07697 | OLLC07697 -04 ( etc) | OLLC07697 -05 ( etc) | OLLC07697 -34 |
| C0206 | 39p | 39p | OPEN | OPEN |
| C0306 | 39p | 39p | OPEN | OPEN |
| Q0203 | NPN | NPN | OPEN | OPEN |
| Q0206 | NPN | NPN | OPEN | OPEN |
| Q0303 | NPN | NPN | OPEN | OPEN |
| Q0306 | NPN | NPN | OPEN | OPEN |
| Q0311 | NPN | NPN | OPEN | OPEN |
| R0208 | 680 | 680 | OPEN | OPEN |
| R0211 | 4.7k | 4.7k | OPEN | OPEN |
| R0220 | OPEN | OPEN | NDC31HJ -390X | NDC31HJ -390X |
| R0242 | 4.7k | 4.7k | OPEN | OPEN |
| R0243 | 10k | 10k | OPEN | OPEN |
| R0308 | 680 | 680 | OPEN | OPEN |
| R0311 | 4.7k | 4.7k | OPEN | OPEN |
| R0320 | OPEN | OPEN | NDC31HJ -390X | NDC31HJ -390X |
| R0342 | 4.7k | 4.7k | OPEN | OPEN |
| R0343 | 10k | 10k | OPEN | OPEN |
| R0344 | 4.7k | 4.7k | OPEN | OPEN |
| R0345 | 4.7k | 4.7k | OPEN | OPEN |
| L0304 | OPEN | OPEN | NRSA02J -0R0X | NRSA02J -0R0X |

- NOTE -

0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
*1 : 2SC3837K/NP/-X
*2 : 2SA1022/BC/-X

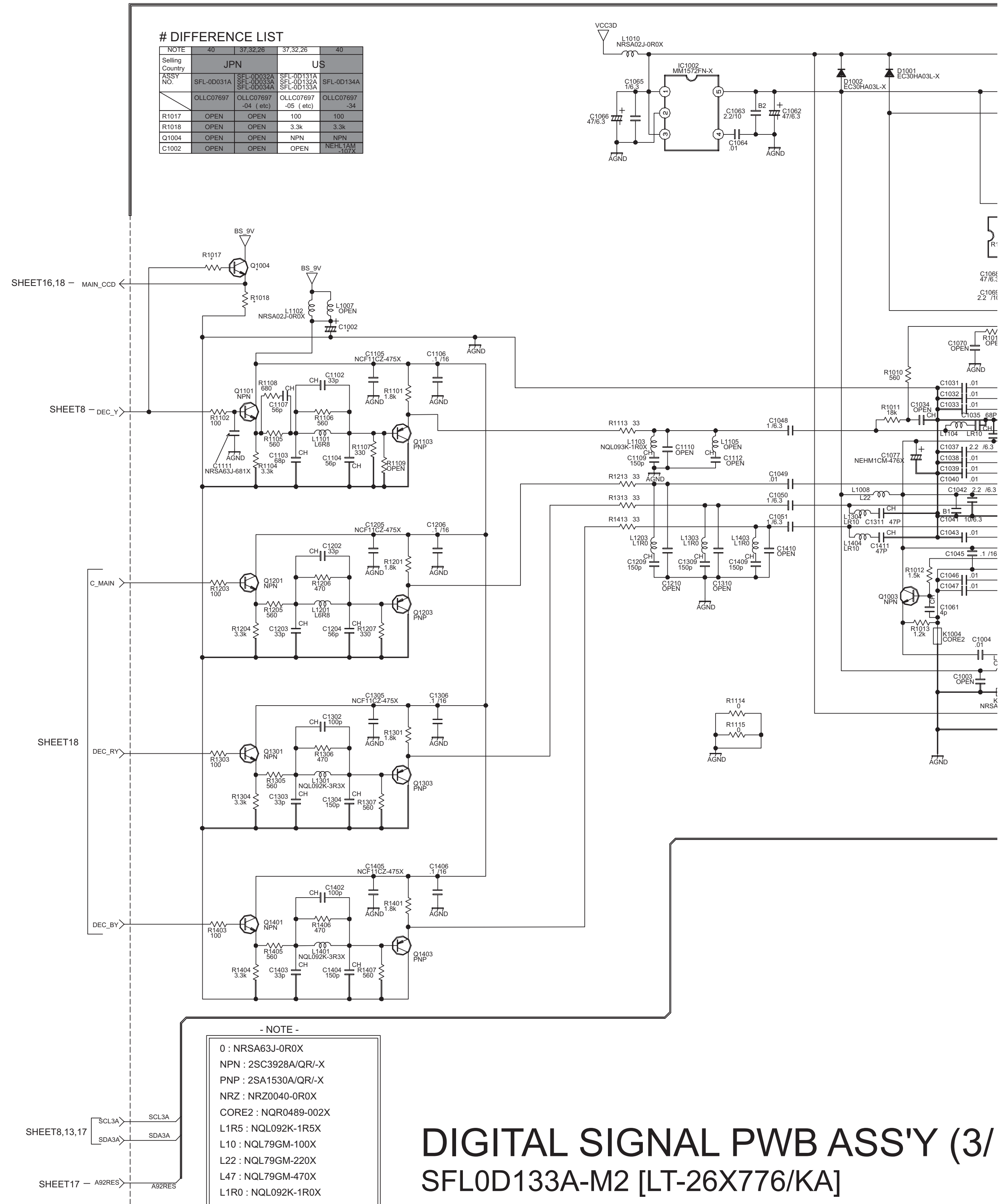

L0104 OPEN
L0204 OPEN
L0304
AGND
DGND
CB1
C0110 10/10
R0131 4.7k
R0132 4.7k
R0133 0
C0119 OPEN
C0111 82p
CH
Q0109 HN1C01F/Y/-X
C0112 82p
R0134 4.7k
Q0108 NPN
R0136 OPEN
R0138 0
C0115 0.1/16
C0116 10/10
L0102 OPEN
C0118 OPEN
R0129 10k
R0139 OPEN
C0113 10/10
C0114 0.1 /16
Q0107 PNP
Q0110 HN1C01F/Y/-X
R0137 150
R0140 1.8k
R0141 4.7k
C0117 56p
Q0105 OPEN
R0114 OPEN
R0115 OPEN
CmpAY
CmpACB
CmpACR
CLPH
SHEET12
R0125 2.2k
R0225 2.2k
R0325 2.2k
PWMY
PWMB
PWMR
VCC3D
L0401 NRSA02J-0R0X
C0401 0.1 /16
IC0401 SN74AHCT1G32V-X
CmpVS
SHEET11,12,18
TEXT[H]
SHEET18
PC_sel
SHEET17
C0210 10/10
R0231 4.7k
R0232 4.7k
R0233 0
C0219 OPEN
C0211 82p
Q0209 HN1C01F/Y/-X
C0212 82p
R0234 4.7k
Q0208 NPN
R0236 OPEN
R0238 0
C0215 0.1 /16
L0202 OPEN
C0218 OPEN
R0229 10k
R0239 OPEN
C0213 10/10
C0214 0.1 /16
Q0207 PNP
Q0210 HN1C01F/Y/-X
R0237 270
R0240 1.8k
R0241 4.7k
C0217 56p
Q0205 OPEN
R0214 OPEN
R0215 OPEN
C0310 10/10
R0331 4.7k
R0332 4.7k
R0333 0
C0319 OPEN
C0311 82p
Q0309 HN1C01F/Y/-X
C0312 82p
R0334 4.7k
Q0308 NPN
R0336 OPEN
R0338 0
C0315 0.1 /16
L0302 OPEN
C0318 OPEN
R0329 10k
R0339 OPEN
C0313 10/10
C0314 0.1 /16
Q0307 PNP
Q0310 HN1C01F/Y/-X
R0337 270
R0340 1.8k
R0341 4.7k
C0317 56p
Q0305 OPEN
R0314 OPEN
R0315 OPEN

# DIGITAL SIGNAL PWB ASS'Y (2/11)

SFL0D133A-M2 [LT-26X776/KA]
SFL0D132A-M2 [LT-32X776/KA]
SFL0D131A-M2 [LT-37X776/KA]

# # DIFFERENCE LIST

| NOTE | 40 | 37,32,26 | 37,32,26 | 40 |
|---|---|---|---|---|
| Selling Country | JPN | | US | |
| ASSY NO. | SFL-0D031A | SFL-0D032A<br>SFL-0D033A<br>SFL-0D034A | SFL-0D131A<br>SFL-0D132A<br>SFL-0D133A | SFL-0D134A |
| | OLLC07697 | OLLC07697 -04 ( etc) | OLLC07697 -05 ( etc) | OLLC07697 -34 |
| R1017 | OPEN | OPEN | 100 | 100 |
| R1018 | OPEN | OPEN | 3.3k | 3.3k |
| Q1004 | OPEN | OPEN | NPN | NPN |
| C1002 | OPEN | OPEN | OPEN | NEHL1AM -107X |

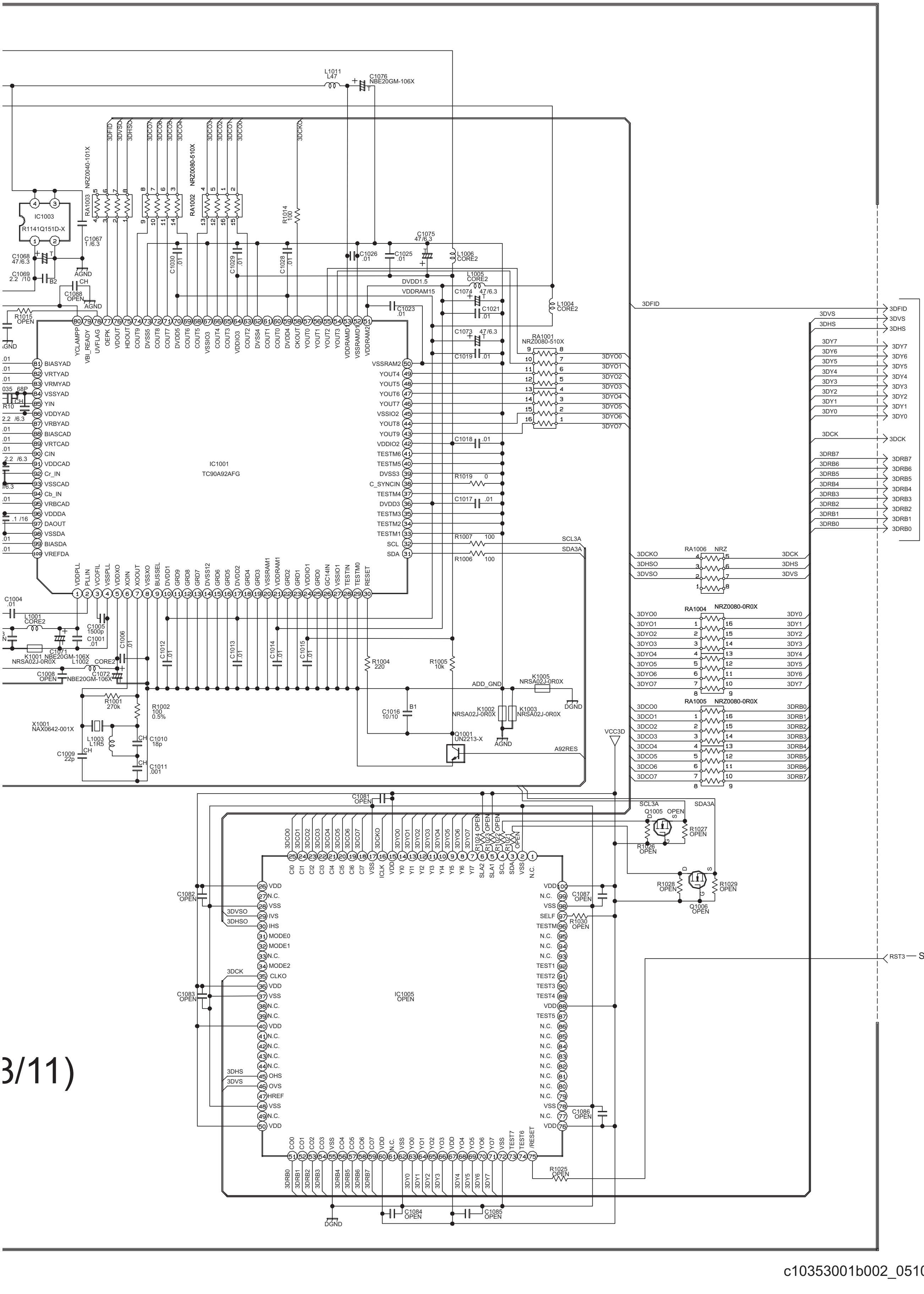

VCC3D
L1010
NRSA02J-0R0X
IC1002
MM1572FN-X
C1065 1/6.3
C1066 47/6.3
C1063 2.2/10
B2
C1062 47/6.3
C1064 .01
AGND
D1002 EC30HA03L-X
D1001 EC30HA03L-X
BS_9V
R1017
Q1004
SHEET16,18 — MAIN_CCD
R1018
L1102 NRSA02J-0R0X
L1007 OPEN
C1002
C1105 NCF11CZ-475X
C1106 .1 /16
R1108 680
C1102 33p
Q1101 NPN
C1107 56p
R1101 1.8k
SHEET8 — DEC_Y
R1102 100
R1106 560
R1105 560
L1101 L6R8
Q1103 PNP
C1111 NRSA63J-681X
R1104 3.3k
C1103 68p
C1104 56p
R1107 330
R1109 OPEN
C1205 NCF11CZ-475X
C1206 .1 /16
C1202 33p
R1201 1.8k
C_MAIN
R1203 100
Q1201 NPN
R1206 470
R1205 560
L1201 L6R8
Q1203 PNP
R1204 3.3k
C1203 33p
C1204 56p
R1207 330
C1305 NCF11CZ-475X
C1306 .1 /16
C1302 100p
R1301 1.8k
SHEET18
DEC_RY
R1303 100
Q1301 NPN
R1306 470
R1305 560
L1301 NQL092K-3R3X
Q1303 PNP
R1304 3.3k
C1303 33p
C1304 150p
R1307 560
C1405 NCF11CZ-475X
C1406 .1 /16
C1402 100p
R1401 1.8k
DEC_BY
R1403 100
Q1401 NPN
R1406 470
R1405 560
L1401 NQL092K-3R3X
Q1403 PNP
R1404 3.3k
C1403 33p
C1404 150p
R1407 560
R1113 33
L1103 NQL093K-1R0X
C1109 150p
C1110 OPEN
L1105 OPEN
C1112 OPEN
C1048 1 /6.3
R1213 33
C1049 .01
R1313 33
C1050 1 /6.3
R1413 33
C1051 1 /6.3
L1203 L1R0
C1209 150p
L1303 L1R0
C1309 150p
L1403 L1R0
C1409 150p
C1410 OPEN
C1210 OPEN
C1310 OPEN
R1114 0
R1115 0
R1010 560
C1070 OPEN
R1011 18k
C1034 OPEN
C1031 .01
C1032 .01
C1033 .01
C1035 68P
L1104 LR10
C1077 NEHM1CM-476X
C1037 2.2 /6.3
C1038 .01
C1039 .01
C1040 .01
L1008 L22
C1042 2.2 /6.3
L1304 LR10
C1311 47P
B1
C1041 10/6.3
L1404 LR10
C1411 47P
C1043 .01
C1045 .1 /16
R1012 1.5k
C1046 .01
C1047 .01
Q1003 NPN
C1061 4p
R1013 1.2k
K1004 CORE2
C1004 .01
C1003 OPEN
SHEET8,13,17
SCL3A
SDA3A
SHEET17 — A92RES
A92RES

- NOTE -

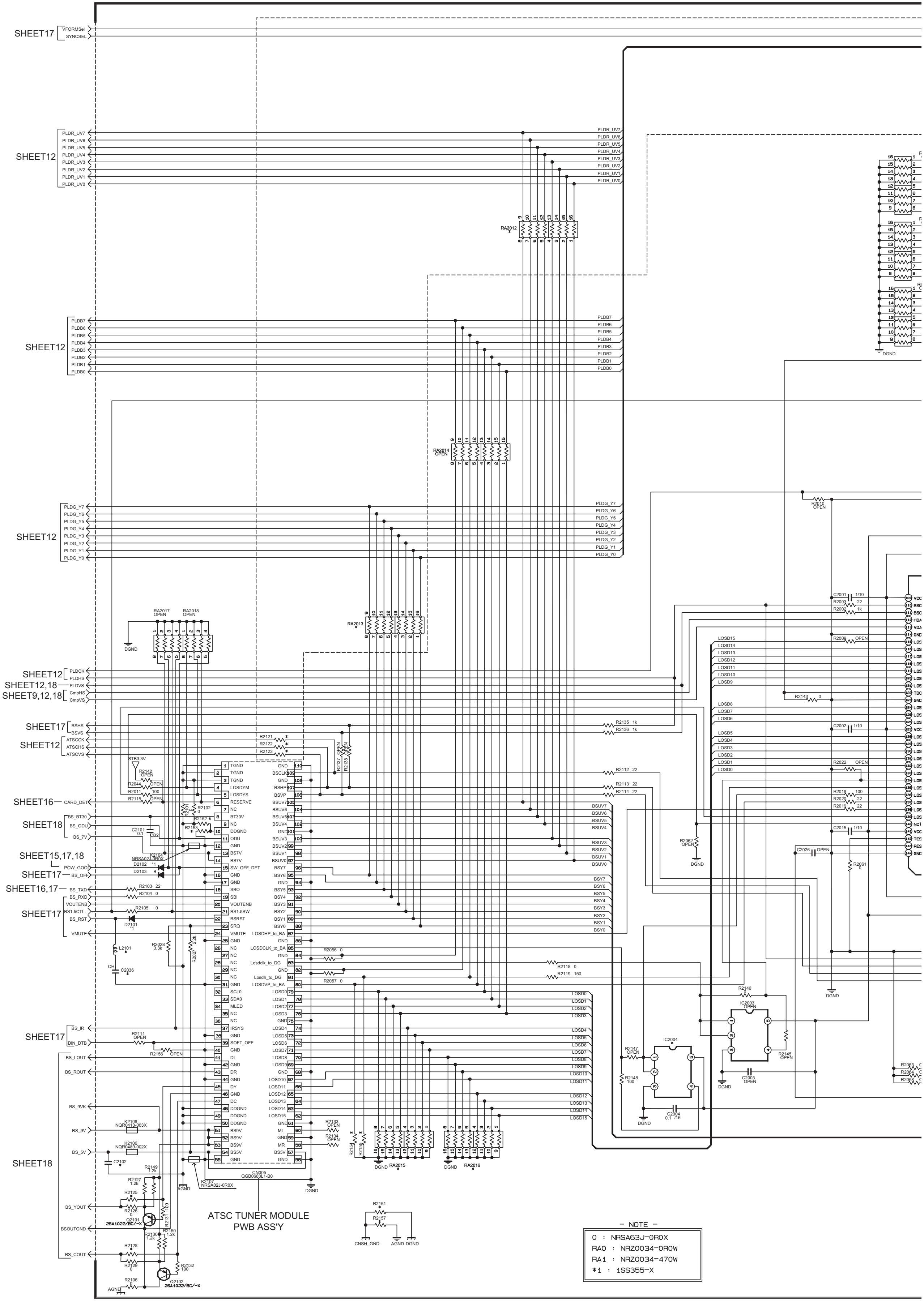
0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
NRZ : NRZ0040-0R0X
CORE2 : NQR0489-002X
L1R5 : NQL092K-1R5X
L10 : NQL79GM-100X
L22 : NQL79GM-220X
L47 : NQL79GM-470X
L1R0 : NQL092K-1R0X
LR10 : NQL093K-R10X

# DIGITAL SIGNAL PWB ASS'Y (3/

## SFL0D133A-M2 [LT-26X776/KA]
## SFL0D132A-M2 [LT-32X776/KA]
## SFL0D131A-M2 [LT-37X776/KA]

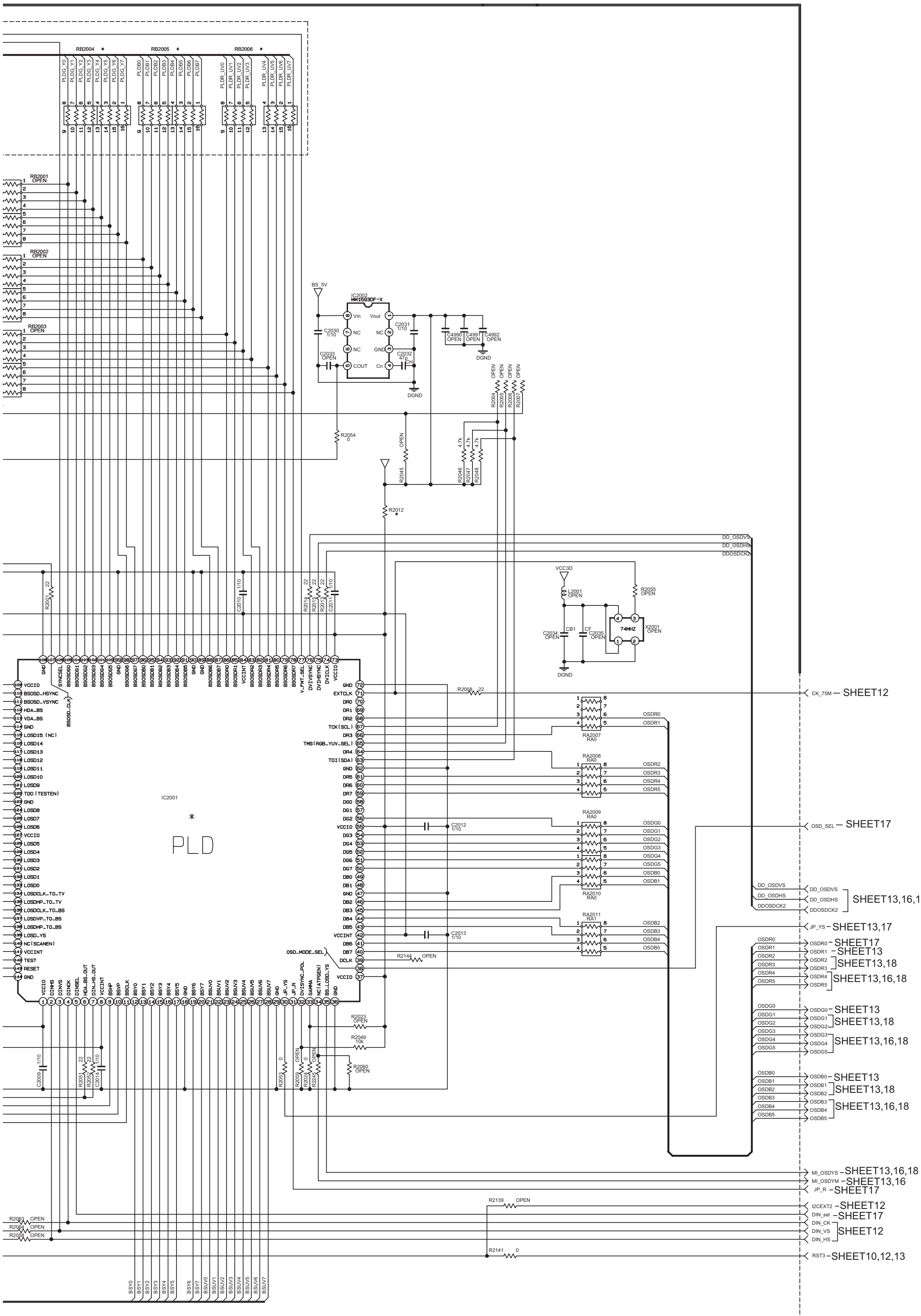

IC1001
TC90A92AFG
IC1005
OPEN
IC1003
R1141Q151D-X
RA1001
NRZ0080-510X
RA1002
NRZ0080-510X
RA1003
NRZ0040-101X
RA1004
NRZ0080-0R0X
RA1005
NRZ0080-0R0X
RA1006
NRZ
L1011
L47
C1076
NBE20GM-106X
C1075
47/6.3
L1006
CORE2
L1005
CORE2
L1004
CORE2
C1074
47/6.3
C1073
47/6.3
DVDD1.5
VDDRAM15
3DFID
3DVS
3DHS
3DY7
3DY6
3DY5
3DY4
3DY3
3DY2
3DY1
3DY0
3DCK
3DRB7
3DRB6
3DRB5
3DRB4
3DRB3
3DRB2
3DRB1
3DRB0
SHEET12
RST3
SHEET11,12,13
SCL3A
SDA3A
ADD_GND
A92RES
VCC3D
Q1001
UN2213-X
Q1005
OPEN
Q1006
OPEN
X1001
NAX0642-001X
K1001
NRSA02J-0R0X
K1002
NRSA02J-0R0X
K1003
NRSA02J-0R0X
K1005
NRSA02J-0R0X
R1004
220
R1005
10k
R1007
100
R1006
100
R1019
0
R1001
270k
R1002
100
0.5%
R1025
OPEN
AGND
DGND
3/11)

# DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (4/11) SHEET 11


SHEET17
VFORMSel
SYNCSEL
SHEET12
PLDR_UV7
PLDR_UV6
PLDR_UV5
PLDR_UV4
PLDR_UV3
PLDR_UV2
PLDR_UV1
PLDR_UV0
RA2012
SHEET12
PLDB7
PLDB6
PLDB5
PLDB4
PLDB3
PLDB2
PLDB1
PLDB0
RA2014 OPEN
SHEET12
PLDG_Y7
PLDG_Y6
PLDG_Y5
PLDG_Y4
PLDG_Y3
PLDG_Y2
PLDG_Y1
PLDG_Y0
RA2013
RA2017 OPEN
RA2018 OPEN
DGND
SHEET12
PLDCK
PLDHS
SHEET12,18
PLDVS
SHEET9,12,18
CmpHS
CmpVS
SHEET17
BSHS
BSVS
SHEET12
ATSCCK
ATSCHS
ATSCVS
SHEET16
CARD_DET
SHEET18
BS_BT30
BS_ODU
BS_7V
SHEET15,17,18
POW_GOOD
SHEET17
BS_OFF
SHEET16,17
BS_TXD
BS_RXD
SHEET17
VOUTENB
BS1.5CTL
BS_RST
VMUTE
SHEET17
BS_IR
DIN_DTB
SHEET18
BS_LOUT
BS_ROUT
BS_9VK
BS_9V
BS_5V
BS_YOUT
BSOUTGND
BS_COUT
CN005
QGB0603L1-B0
ATSC TUNER MODULE PWB ASS'Y
Q2101 2SA1022/BC/-X
Q2102 2SA1022/BC/-X
IC2004
IC2003 OPEN
RA2015
RA2016
CNSH_GND
AGND
DGND

- NOTE -

0 : NRSA63J-0R0X
RA0 : NRZ0034-0R0W
RA1 : NRZ0034-470W
*1 : 1SS355-X


RB2004
RB2005
RB2006
RB2001 OPEN
RB2002 OPEN
RB2003 OPEN
BS_5V
IC2002 MM1593DF-X
Vin
Vout
NC
GND
COUT
Cn
C2030 1/10
C2031 1/10
C2032 47p
C2033 OPEN
C4990 OPEN
C4991 OPEN
C4992 OPEN
DGND
R2004 OPEN
R2005 OPEN
R2006 OPEN
R2007 OPEN
R2054 0
R2045 OPEN
R2046 4.7k
R2047 4.7k
R2048 4.7k
R2012
DD_OSDVS
DD_OSDHS
DDOSDCK2
VCC3D
L2001 OPEN
R2055 OPEN
X2001 OPEN
74MHZ
C2034 OPEN
CB1
CF
C2035 OPEN
IC2001
PLD
R2008 22
RA2007 RA0
RA2008 RA0
RA2009 RA0
RA2010 RA0
RA2011 RA1
C2012 1/10
C2013 1/10
R2144 OPEN
OSD_MODE_SEL
R2023 OPEN
R2049 10k
R2060 OPEN
R2139 OPEN
R2141 0
R2003 OPEN
R2002 OPEN
R2001 OPEN
CK_75M — SHEET12
OSD_SEL — SHEET17
DD_OSDVS
DD_OSDHS
DDOSDCK2
SHEET13,16,17,18
JP_YS — SHEET13,17
OSDR0 — SHEET17
OSDR1 — SHEET13
OSDR2
OSDR3
SHEET13,18
OSDR4
OSDR5
SHEET13,16,18
OSDG0 — SHEET13
OSDG1
OSDG2
SHEET13,18
OSDG3
OSDG4
OSDG5
SHEET13,16,18
OSDB0 — SHEET13
OSDB1
OSDB2
SHEET13,18
OSDB3
OSDB4
OSDB5
SHEET13,16,18
MI_OSDYS — SHEET13,16,18
MI_OSDYM — SHEET13,16
JP_R — SHEET17
I2CEXT2 — SHEET12
DIN_sel — SHEET17
DIN_CK
DIN_VS
DIN_HS
SHEET12
RST3 — SHEET10,12,13
BSY0
BSY1
BSY2
BSY3
BSY4
BSY5
BSY6
BSY7
BSUV0
BSUV1
BSUV2
BSUV3
BSUV4
BSUV5
BSUV6
BSUV7

# DIGITAL SIGNAL PWB ASS'Y (4/11)

## SFL0D133A-M2 [LT-26X776/KA]
## SFL0D132A-M2 [LT-32X776/KA]
## SFL0D131A-M2 [LT-37X776/KA]

# DIFFERENCE LIST

| NOTE | 40 | 37・32・26 | 37・32・26 | 40 |
|---|---|---|---|---|
| Selling Country | JPN | | US | |
| ASSY NO. | SFL-0D031A | SFL-0D032A<br>SFL-0D033A<br>SFL-0D034A | SFL-0D131A<br>SFL-0D132A<br>SFL-0D133A | SFL-0D134A |
| | OLLC07697 | OLLC07697 -04 (etc) | OLLC07697 -05 (etc) | OLLC07697 -34 |
| C2001 | | | OPEN | OPEN |
| C2002 | | | OPEN | OPEN |
| C2004 | | | OPEN | OPEN |
| C2009 | | | OPEN | OPEN |
| C2010 | | | OPEN | OPEN |
| C2011 | | | OPEN | OPEN |
| C2012 | | | OPEN | OPEN |
| C2013 | | | OPEN | OPEN |
| C2014 | | | OPEN | OPEN |
| C2015 | | | OPEN | OPEN |
| C2030 | | | OPEN | OPEN |
| C2031 | | | OPEN | OPEN |
| C2032 | | | OPEN | OPEN |
| C2036 | OPEN | OPEN | 10p | 10p |
| C2102 | OPEN | OPEN | NCJ41CK -226X-U | NCJ41CK -226X-U |
| D2102 | | | OPEN | OPEN |
| D2103 | 1SS355-X | 1SS355-X | OPEN | OPEN |
| IC2001 | JCC5062 | JCC5062 | OPEN | OPEN |
| IC2002 | MM1593 DF-X | MM1593 DF-X | OPEN | OPEN |
| IC2004 | SN74LVC1G 08K-X | SN74LVC1G 08K-X | OPEN | OPEN |
| L2101 | OPEN | OPEN | NRSA02J -0R0X | NRSA02J -0R0X |
| Q2101 | 2SA1022 /BC/-X | 2SA1022 /BC/-X | OPEN | OPEN |
| Q2102 | 2SA1022 /BC/-X | 2SA1022 /BC/-X | OPEN | OPEN |
| R2001 | | | OPEN | OPEN |
| R2002 | | | OPEN | OPEN |
| R2003 | | | OPEN | OPEN |
| R2008 | | | OPEN | OPEN |
| R2011 | | | OPEN | OPEN |
| R2012 | NRSA02J -0R0X | NRSA02J -0R0X | OPEN | OPEN |
| R2013 | | | OPEN | OPEN |
| R2014 | | | OPEN | OPEN |
| R2015 | | | OPEN | OPEN |
| R2018 | | | OPEN | OPEN |
| R2019 | | | OPEN | OPEN |
| R2020 | | | OPEN | OPEN |
| R2024 | | | OPEN | OPEN |
| R2027 | | | OPEN | OPEN |
| R2028 | | | OPEN | OPEN |
| R2046 | | | OPEN | OPEN |
| R2047 | | | OPEN | OPEN |
| R2048 | | | OPEN | OPEN |
| R2049 | | | OPEN | OPEN |
| R2051 | | | OPEN | OPEN |
| R2052 | | | OPEN | OPEN |
| R2053 | | | OPEN | OPEN |
| R2054 | | | OPEN | OPEN |
| R2061 | | | OPEN | OPEN |
| R2106 | | | OPEN | OPEN |
| R2112 | | | OPEN | OPEN |
| R2113 | | | OPEN | OPEN |
| R2114 | | | OPEN | OPEN |
| R2118 | | | OPEN | OPEN |
| R2119 | | | OPEN | OPEN |
| R2121 | OPEN | OPEN | 0 | 0 |
| R2122 | OPEN | OPEN | 0 | 0 |
| R2123 | OPEN | OPEN | 0 | 0 |
| R2125 | OPEN | OPEN | 0 | 0 |
| R2126 | | | OPEN | OPEN |
| R2127 | | | OPEN | OPEN |
| R2128 | OPEN | OPEN | 0 | 0 |
| R2129 | | | OPEN | OPEN |
| R2130 | | | OPEN | OPEN |
| R2131 | | | OPEN | OPEN |
| R2132 | | | OPEN | OPEN |
| R2135 | | | OPEN | OPEN |
| R2136 | | | OPEN | OPEN |
| R2141 | | | OPEN | OPEN |
| R2143 | | | OPEN | OPEN |
| R2146 | | | OPEN | OPEN |
| R2148 | | | OPEN | OPEN |
| R2149 | | | OPEN | OPEN |
| R2150 | | | OPEN | OPEN |
| R2151 | OPEN | OPEN | NRSA02J -0R0X | NRSA02J -0R0X |
| R2152 | 0 | 0 | OPEN | OPEN |
| R2153 | OPEN | OPEN | 0 | 0 |
| R2154 | OPEN | OPEN | 0 | 0 |
| R2155 | OPEN | OPEN | 0 | 0 |
| R2157 | OPEN | OPEN | NRSA02J -0R0X | NRSA02J -0R0X |
| RA2007 | | | OPEN | OPEN |
| RA2008 | | | OPEN | OPEN |
| RA2009 | | | OPEN | OPEN |
| RA2010 | | | OPEN | OPEN |
| RA2011 | | | OPEN | OPEN |
| RA2012 | OPEN | OPEN | NRZ0080 -0R0X | NRZ0080 -0R0X |
| RA2013 | OPEN | OPEN | NRZ0080 -0R0X | NRZ0080 -0R0X |
| RA2015 | OPEN | OPEN | NRZ0080 -0R0X | NRZ0080 -0R0X |
| RA2016 | OPEN | OPEN | NRZ0080 -0R0X | NRZ0080 -0R0X |
| RB2004 | NRZ0080 -510X | NRZ0080 -510X | OPEN | OPEN |
| RB2005 | NRZ0080 -510X | NRZ0080 -510X | OPEN | OPEN |
| RB2006 | NRZ0080 -510X | NRZ0080 -510X | OPEN | OPEN |

c10353001b009_0510_9/12_0.0

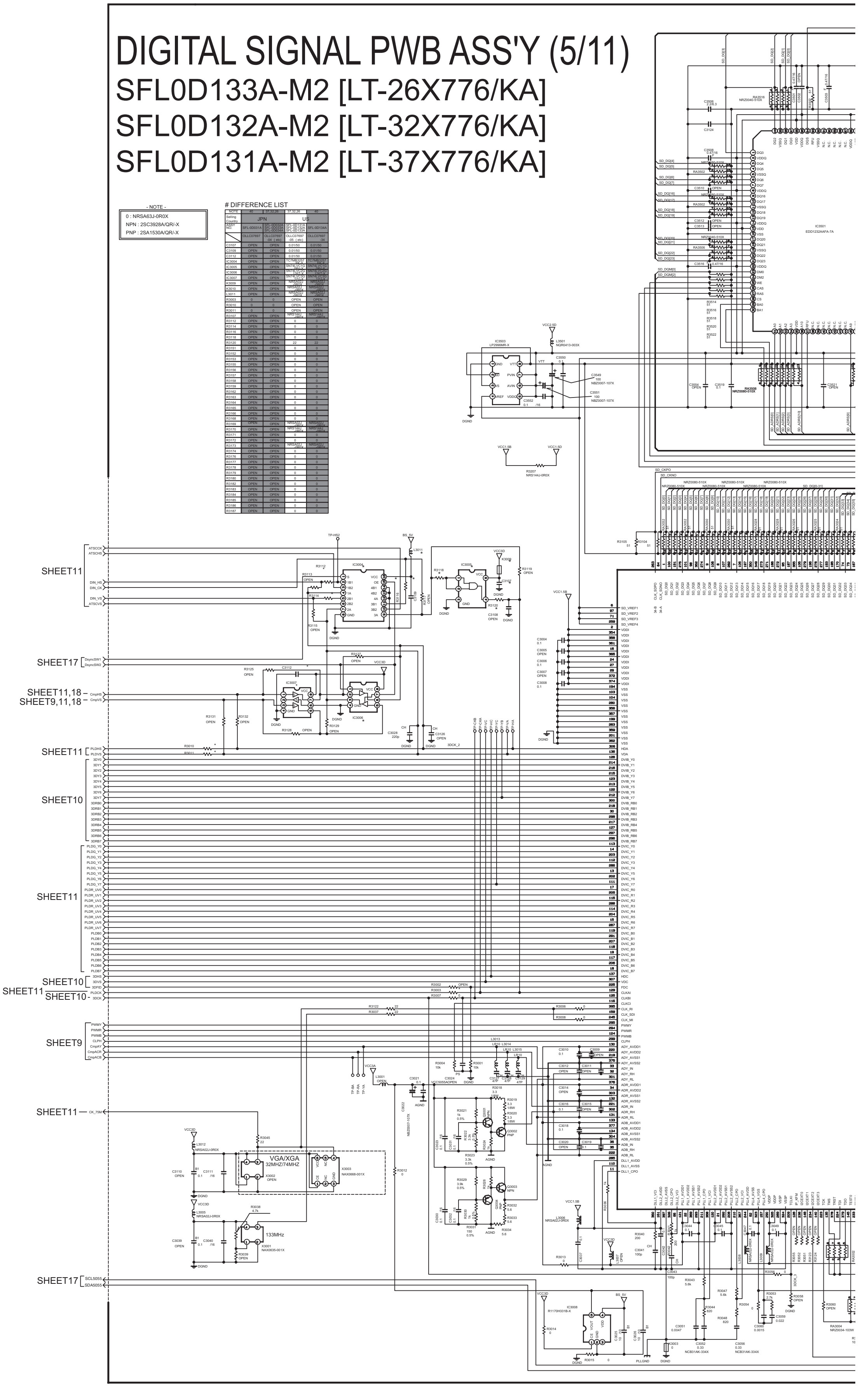
# DIGITAL SIGNAL PWB ASS'Y (5/11)

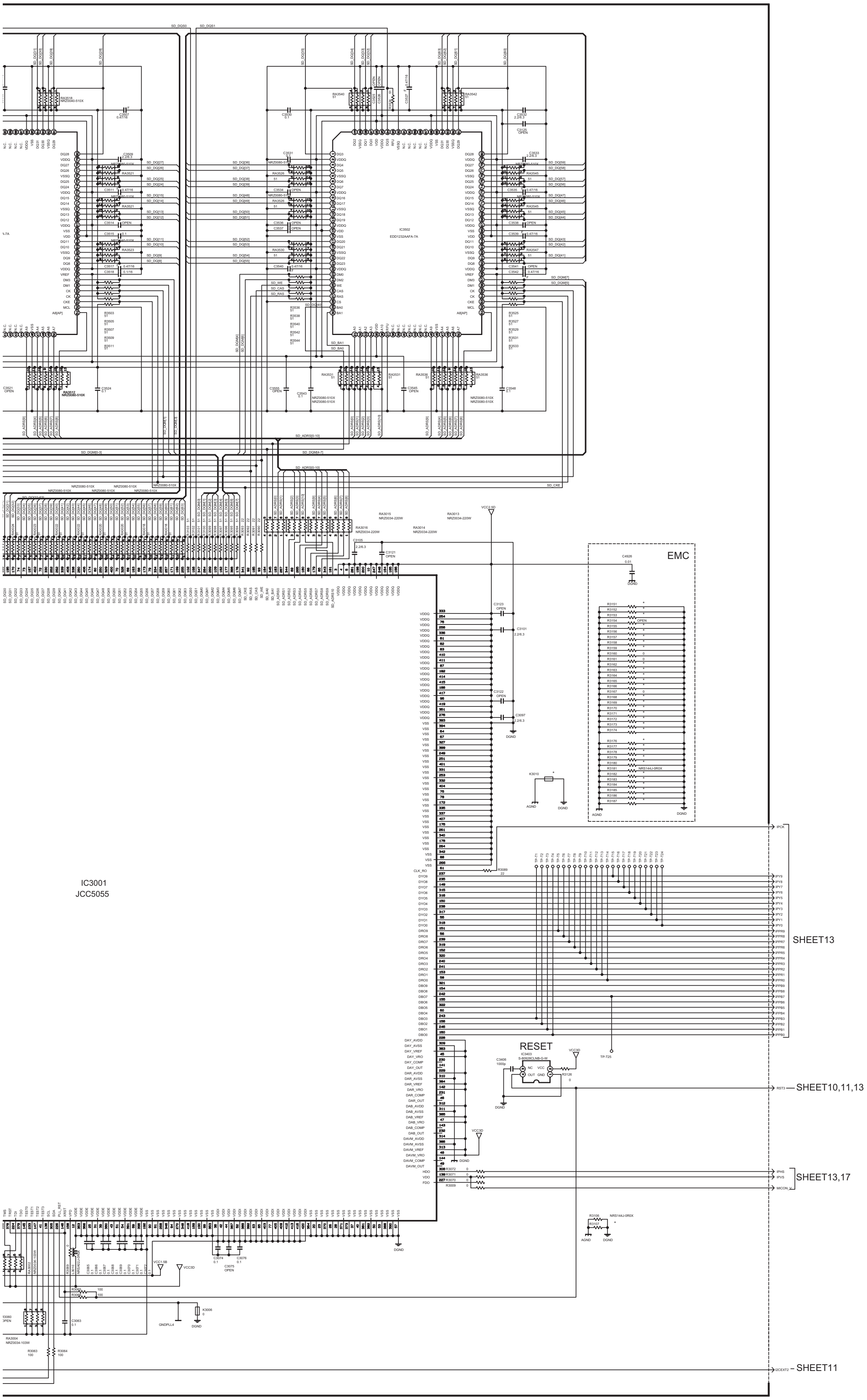
## SFL0D133A-M2 [LT-26X776/KA]
## SFL0D132A-M2 [LT-32X776/KA]
## SFL0D131A-M2 [LT-37X776/KA]

- NOTE -
0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X

# DIFFERENCE LIST

| NOTE | 40 | 37,32,26 | 37,32,26 | 40 |
|---|---|---|---|---|
| Selling Country | JPN | | US | |
| ASSY NO. | SFL-0D031A | SFL-0D032A<br>SFL-0D033A<br>SFL-0D034A | SFL-0D131A<br>SFL-0D132A<br>SFL-0D133A | SFL-0D134A |
| | OLLC07697 | OLLC07697 -04 ( etc) | OLLC07697 -05 ( etc) | OLLC07697 -34 |
| C3107 | OPEN | OPEN | 0.01/50 | 0.01/50 |
| C3109 | OPEN | OPEN | 0.01/50 | 0.01/50 |
| C3112 | OPEN | OPEN | 0.01/50 | 0.01/50 |
| IC3004 | OPEN | OPEN | TC7MB3257 FK-X | TC7MB3257 FK-X |
| IC3005 | OPEN | OPEN | SN74LVC1G 08V-X | SN74LVC1G 08V-X |
| IC3006 | OPEN | OPEN | SN74LVC2G 126T-X | SN74LVC2G 126T-X |
| IC3007 | OPEN | OPEN | SN74LVC3G 17U-X | SN74LVC3G 17U-X |
| K3009 | OPEN | OPEN | NRSA02J -0R0X | NRSA02J -0R0X |
| K3010 | OPEN | OPEN | NRSA02J -0R0X | NRSA02J -0R0X |
| L3011 | OPEN | OPEN | NRSA02J -0R0X | NRSA02J -0R0X |
| R3003 | 0 | 0 | OPEN | OPEN |
| R3010 | 0 | 0 | OPEN | OPEN |
| R3011 | 0 | 0 | OPEN | OPEN |
| R3107 | OPEN | OPEN | NRS144J -0R0X | NRS144J -0R0X |
| R3112 | OPEN | OPEN | 0 | 0 |
| R3114 | OPEN | OPEN | 0 | 0 |
| R3116 | OPEN | OPEN | 0 | 0 |
| R3118 | OPEN | OPEN | 0 | 0 |
| R3120 | OPEN | OPEN | 22 | 22 |
| R3151 | OPEN | OPEN | 0 | 0 |
| R3152 | OPEN | OPEN | 0 | 0 |
| R3153 | OPEN | OPEN | 0 | 0 |
| R3155 | OPEN | OPEN | 0 | 0 |
| R3156 | OPEN | OPEN | 0 | 0 |
| R3157 | OPEN | OPEN | 0 | 0 |
| R3158 | OPEN | OPEN | 0 | 0 |
| R3159 | OPEN | OPEN | 0 | 0 |
| R3162 | OPEN | OPEN | 0 | 0 |
| R3163 | OPEN | OPEN | 0 | 0 |
| R3164 | OPEN | OPEN | 0 | 0 |
| R3165 | OPEN | OPEN | 0 | 0 |
| R3166 | OPEN | OPEN | 0 | 0 |
| R3168 | OPEN | OPEN | 0 | 0 |
| R3169 | OPEN | OPEN | NRSA02J -0R0X | NRSA02J -0R0X |
| R3170 | OPEN | OPEN | NRS144J -0R0X | NRS144J -0R0X |
| R3171 | OPEN | OPEN | 0 | 0 |
| R3172 | OPEN | OPEN | 0 | 0 |
| R3173 | OPEN | OPEN | NRSA02J -0R0X | NRSA02J -0R0X |
| R3174 | OPEN | OPEN | 0 | 0 |
| R3176 | OPEN | OPEN | 0 | 0 |
| R3177 | OPEN | OPEN | 0 | 0 |
| R3178 | OPEN | OPEN | 0 | 0 |
| R3179 | OPEN | OPEN | 0 | 0 |
| R3180 | OPEN | OPEN | 0 | 0 |
| R3182 | OPEN | OPEN | 0 | 0 |
| R3183 | OPEN | OPEN | 0 | 0 |
| R3184 | OPEN | OPEN | 0 | 0 |
| R3185 | OPEN | OPEN | 0 | 0 |
| R3186 | OPEN | OPEN | 0 | 0 |
| R3187 | OPEN | OPEN | 0 | 0 |


SHEET11
SHEET17
SHEET11,18
SHEET9,11,18
SHEET11
SHEET10
SHEET11
SHEET10
SHEET11
SHEET10
SHEET9
SHEET11
SHEET17
IC3501
IC3503
IC3004
IC3005
IC3006
IC3007
VGA/XGA
32MHZ/74MHZ
X3002
X3003
X3001
133MHz
TP-HS2
VCC3D
VCC1.5B
DGND
AGND
PLLGND


IC3001
JCC5055
IC3502
EDD1232AAFA-7A
EMC
RESET
SHEET13
SHEET10,11,13
SHEET13,17
SHEET11

c10353001b003_0510_3/12_0.0

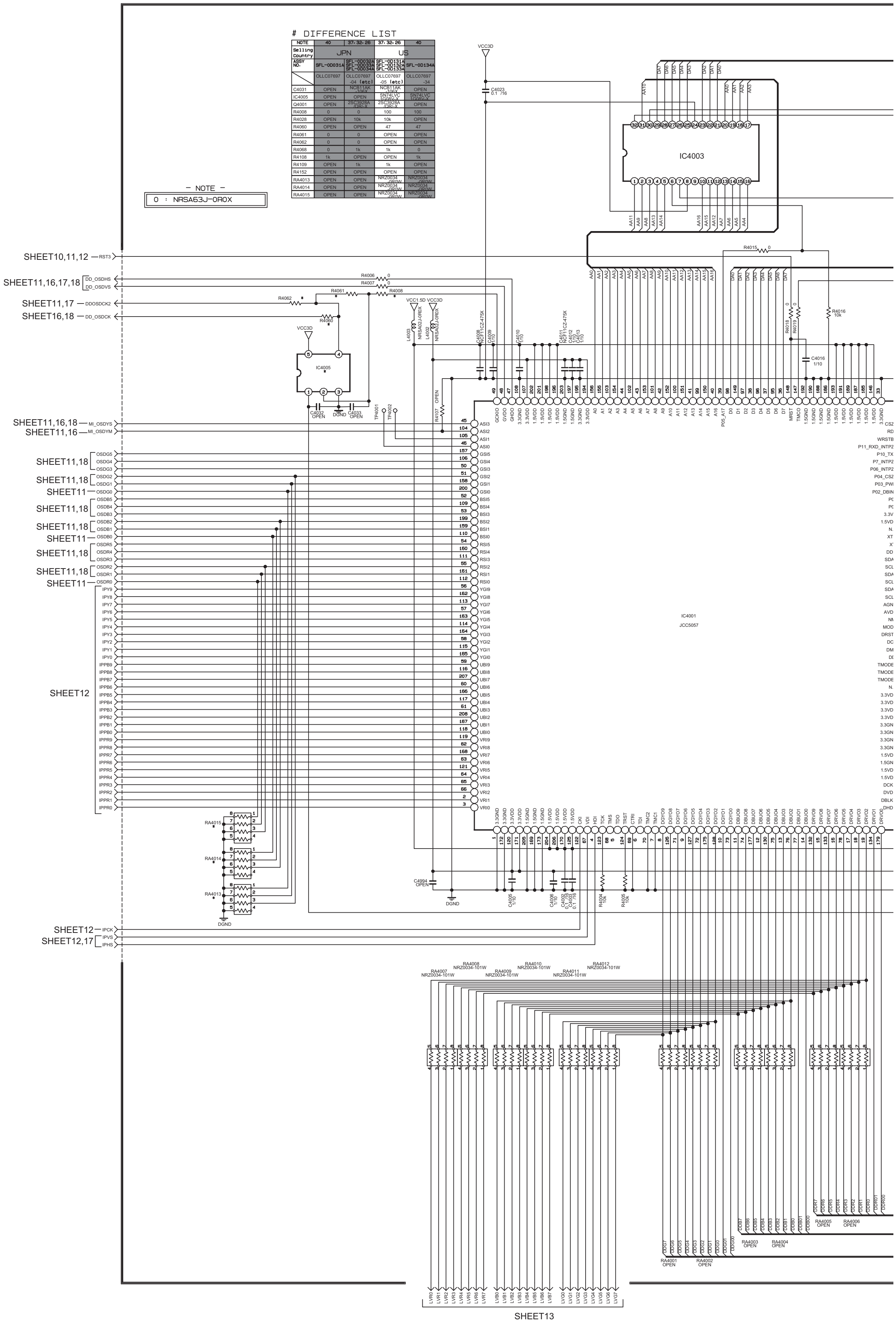
# DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (6/11) SHEET 13

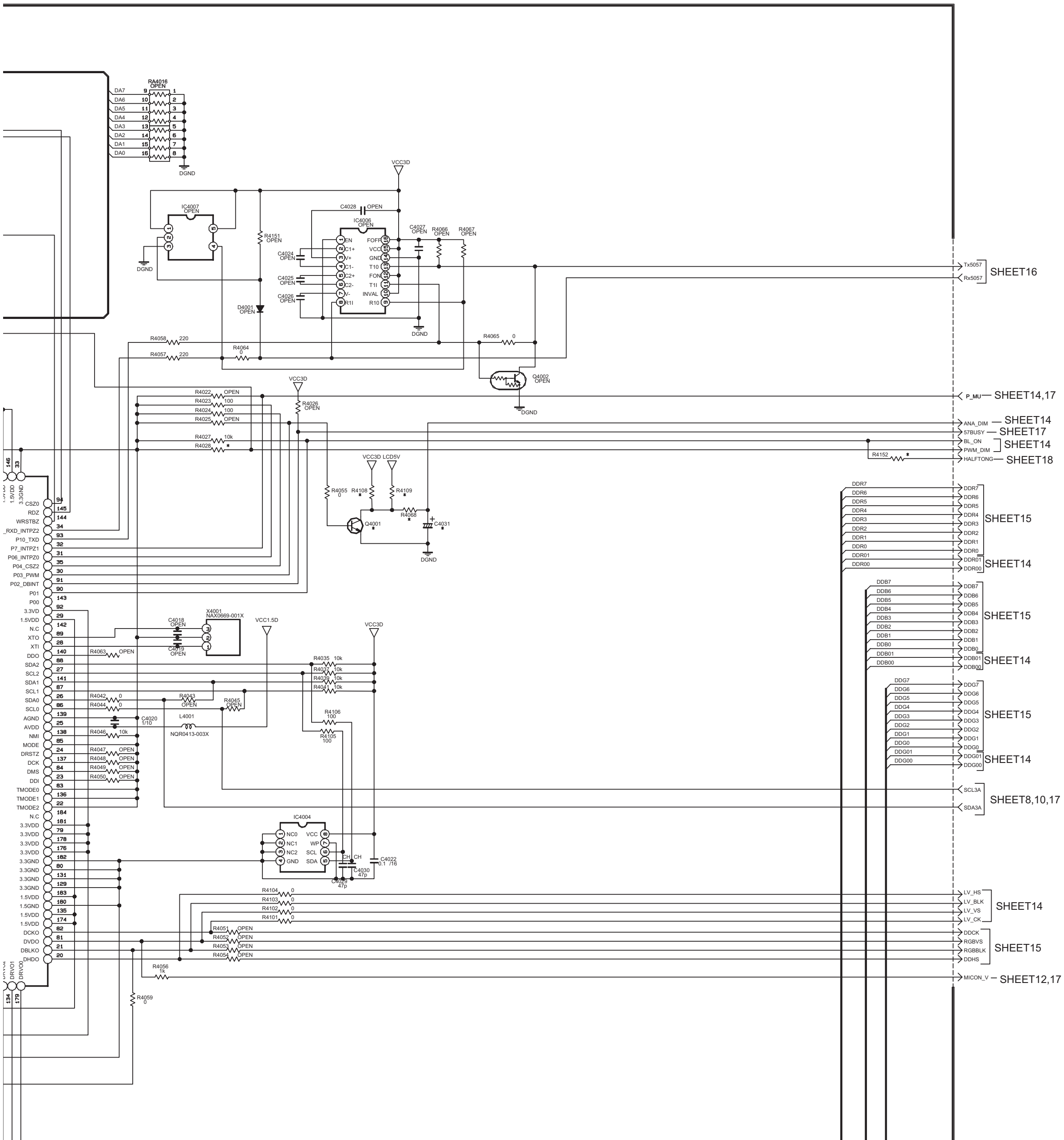
# DIFFERENCE LIST

| NOTE | 40 | 37.32.26 | 37.32.26 | 40 |
|---|---|---|---|---|
| Selling Country | JPN | | US | |
| ASSY NO. | SFL-0D031A | SFL-0D032A<br>SFL-0D033A<br>SFL-0D034A | SFL-0D131A<br>SFL-0D132A<br>SFL-0D133A | SFL-0D134A |
| | OLLC07697 | OLLC07697 -04 (etc) | OLLC07697 -05 (etc) | OLLC07697 -34 |
| C4031 | OPEN | NCB11AK -106X | NCB11AK -106X | OPEN |
| IC4005 | OPEN | OPEN | SN74LVC 1G08V-X | SN74LVC 1G08V-X |
| Q4001 | OPEN | 2SC3928A /QR/-X | 2SC3928A /QR/-X | OPEN |
| R4008 | 0 | 0 | 100 | 100 |
| R4028 | OPEN | 10k | 10k | OPEN |
| R4060 | OPEN | OPEN | 47 | 47 |
| R4061 | 0 | 0 | OPEN | OPEN |
| R4062 | 0 | 0 | OPEN | OPEN |
| R4068 | 0 | 1k | 1k | 0 |
| R4108 | 1k | OPEN | OPEN | 1k |
| R4109 | OPEN | 1k | 1k | OPEN |
| R4152 | OPEN | OPEN | OPEN | OPEN |
| RA4013 | OPEN | OPEN | NRZ0034 -0R0W | NRZ0034 -0R0W |
| RA4014 | OPEN | OPEN | NRZ0034 -0R0W | NRZ0034 -0R0W |
| RA4015 | OPEN | OPEN | NRZ0034 -0R0W | NRZ0034 -0R0W |

– NOTE –

0 : NRSA63J-0R0X


SHEET10,11,12
RST3
SHEET11,16,17,18
DD_OSDHS
DD_OSDVS
SHEET11,17
DDOSDCK2
SHEET16,18
DD_OSDCK
SHEET11,16,18
MI_OSDYS
SHEET11,16
MI_OSDYM
SHEET11,18
SHEET11
SHEET12
SHEET12
IPCK
SHEET12,17
IPVS
IPHS
VCC3D
C4023
0.1 /16
IC4003
R4015
R4016
10k
R4018
R4019
C4016
1/10
R4006
R4007
R4061
R4008
R4062
R4060
IC4005
C4032 OPEN
DGND
C4033 OPEN
TP4001
TP4002
VCC1.5D
L4003
L4002
R4107 OPEN
IC4001
JCC5057
RA4015
RA4014
RA4013
C4994 OPEN
C4005 1/10
C4006 1/10
R4004 10k
R4005 10k
RA4007 NRZ0034-101W
RA4008 NRZ0034-101W
RA4009 NRZ0034-101W
RA4010 NRZ0034-101W
RA4011 NRZ0034-101W
RA4012 NRZ0034-101W
RA4001 OPEN
RA4002 OPEN
RA4003 OPEN
RA4004 OPEN
RA4005 OPEN
RA4006 OPEN
SHEET13


RA4016
OPEN
DA7
DA6
DA5
DA4
DA3
DA2
DA1
DA0
DGND
VCC3D
IC4007
OPEN
IC4006
OPEN
C4028 OPEN
C4027 OPEN
R4066 OPEN
R4067 OPEN
R4151 OPEN
C4024 OPEN
C4025 OPEN
C4026 OPEN
D4001 OPEN
EN
C1+
V+
C1-
C2+
C2-
V-
R1I
FOFF
VCC
GND
T1O
FON
T1I
INVAL
R1O
R4058 220
R4057 220
R4064 0
R4065 0
Q4002 OPEN
Tx5057
Rx5057
SHEET16
R4022 OPEN
R4023 100
R4024 100
R4025 OPEN
R4027 10k
R4028
R4026 OPEN
P_MU
SHEET14,17
ANA_DIM
SHEET14
57BUSY
SHEET17
BL_ON
PWM_DIM
SHEET14
R4152
HALFTONG
SHEET18
VCC3D LCD5V
R4055 0
R4108
R4109
R4068
Q4001
C4031
DDR7
DDR6
DDR5
DDR4
DDR3
DDR2
DDR1
DDR0
DDR01
DDR00
SHEET15
SHEET14
DDB7
DDB6
DDB5
DDB4
DDB3
DDB2
DDB1
DDB0
DDB01
DDB00
SHEET15
SHEET14
DDG7
DDG6
DDG5
DDG4
DDG3
DDG2
DDG1
DDG0
DDG01
DDG00
SHEET15
SHEET14
SCL3A
SDA3A
SHEET8,10,17
CSZ0
RDZ
WRSTBZ
_RXD_INTPZ2
P10_TXD
P7_INTPZ1
P06_INTPZ0
P04_CSZ2
P03_PWM
P02_DBINT
P01
P00
3.3VD
1.5VDD
N.C
XTO
XTI
DDO
SDA2
SCL2
SDA1
SCL1
SDA0
SCL0
AGND
AVDD
NMI
MODE
DRSTZ
DCK
DMS
DDI
TMODE0
TMODE1
TMODE2
N.C
3.3VDD
3.3GND
1.5VDD
1.5GND
DCKO
DVDO
DBLKO
DHDO
C4018 OPEN
C4019 OPEN
X4001
NAX0669-001X
VCC1.5D
VCC3D
R4063 OPEN
R4035 10k
R4042 0
R4044 0
R4043 OPEN
R4045 OPEN
R4046 10k
C4020 1/10
L4001
NQR0413-003X
R4106 100
R4105 100
R4047 OPEN
R4048 OPEN
R4049 OPEN
R4050 OPEN
IC4004
NC0
NC1
NC2
GND
VCC
WP
SCL
SDA
C4022 0.1 /16
C4029 47p
C4030 47p
CH
R4104 0
R4103 0
R4102 0
R4101 0
R4051 OPEN
R4052 OPEN
R4053 OPEN
R4054 OPEN
R4056 1k
R4059 0
LV_HS
LV_BLK
LV_VS
LV_CK
SHEET14
DDCK
RGBVS
RGBBLK
DDHS
SHEET15
MICON_V
SHEET12,17

NOTE : Refer to the part list for the part number of IC4003 and IC4004.

# DIGITAL SIGNAL PWB ASS'Y (6/11)

SFL0D133A-M2 [LT-26X776/KA]
SFL0D132A-M2 [LT-32X776/KA]
SFL0D131A-M2 [LT-37X776/KA]

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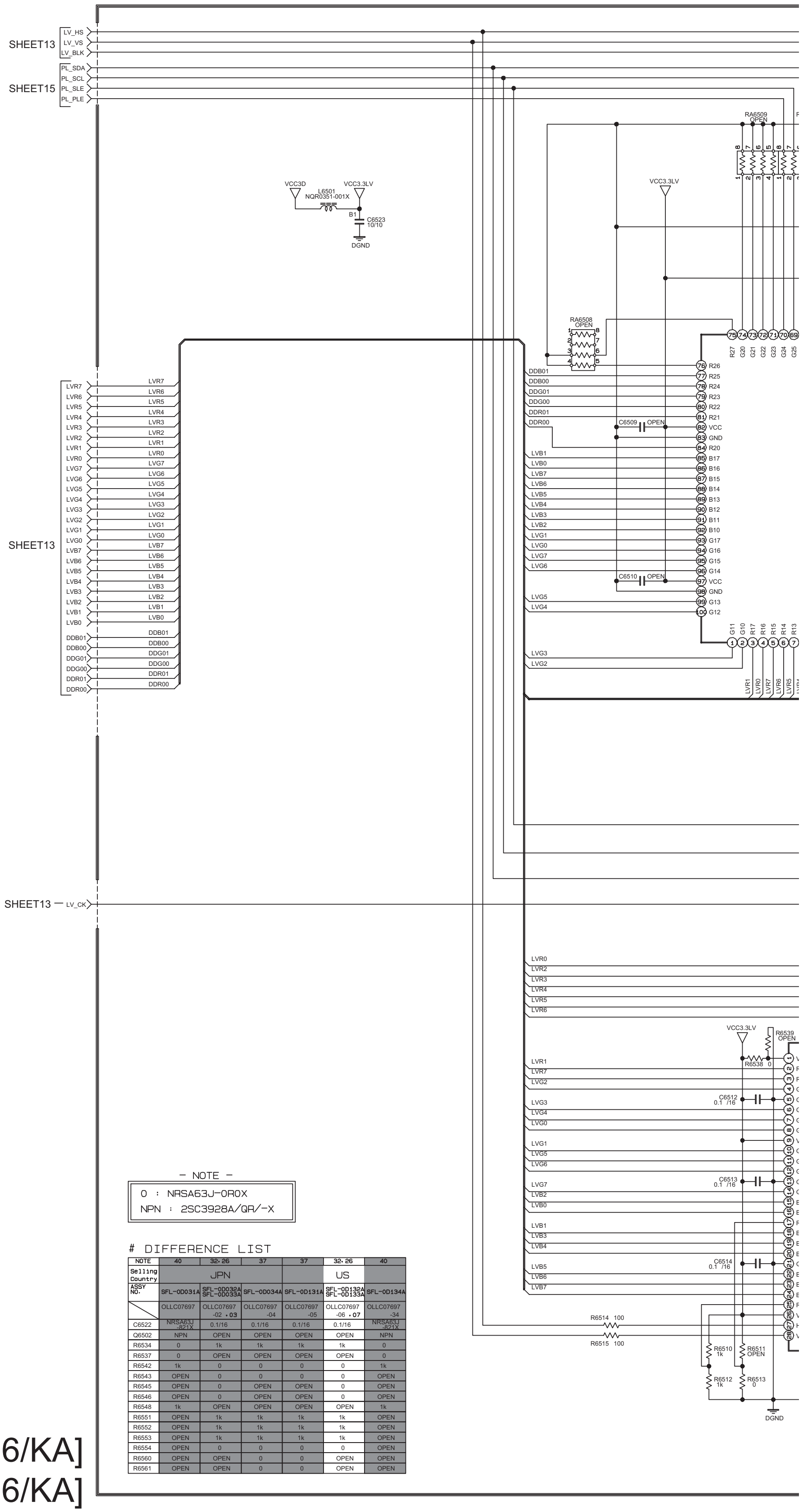
## DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (7/11) SHEET 14


SHEET13
LV_HS
LV_VS
LV_BLK
SHEET15
PL_SDA
PL_SCL
PL_SLE
PL_PLE
VCC3D
L6501
NQR0351-001X
VCC3.3LV
B1
C6523
10/10
DGND
RA6509
OPEN
RA6508
OPEN
SHEET13
LVR7
LVR6
LVR5
LVR4
LVR3
LVR2
LVR1
LVR0
LVG7
LVG6
LVG5
LVG4
LVG3
LVG2
LVG1
LVG0
LVB7
LVB6
LVB5
LVB4
LVB3
LVB2
LVB1
LVB0
DDB01
DDB00
DDG01
DDG00
DDR01
DDR00
C6509
OPEN
C6510
OPEN
R27 G20 G21 G22 G23 G24 G25
R26
R25
R24
R23
R22
R21
VCC
GND
R20
B17
B16
B15
B14
B13
B12
B11
B10
G17
G16
G15
G14
VCC
GND
G13
G12
G11 G10 R17 R16 R15 R14 R13
SHEET13
LV_CK
VCC3.3LV
R6539
OPEN
R6538 0
C6512
0.1 /16
C6513
0.1 /16
C6514
0.1 /16
R6514 100
R6515 100
R6510
1k
R6511
OPEN
R6512
1k
R6513
0
DGND

- NOTE -

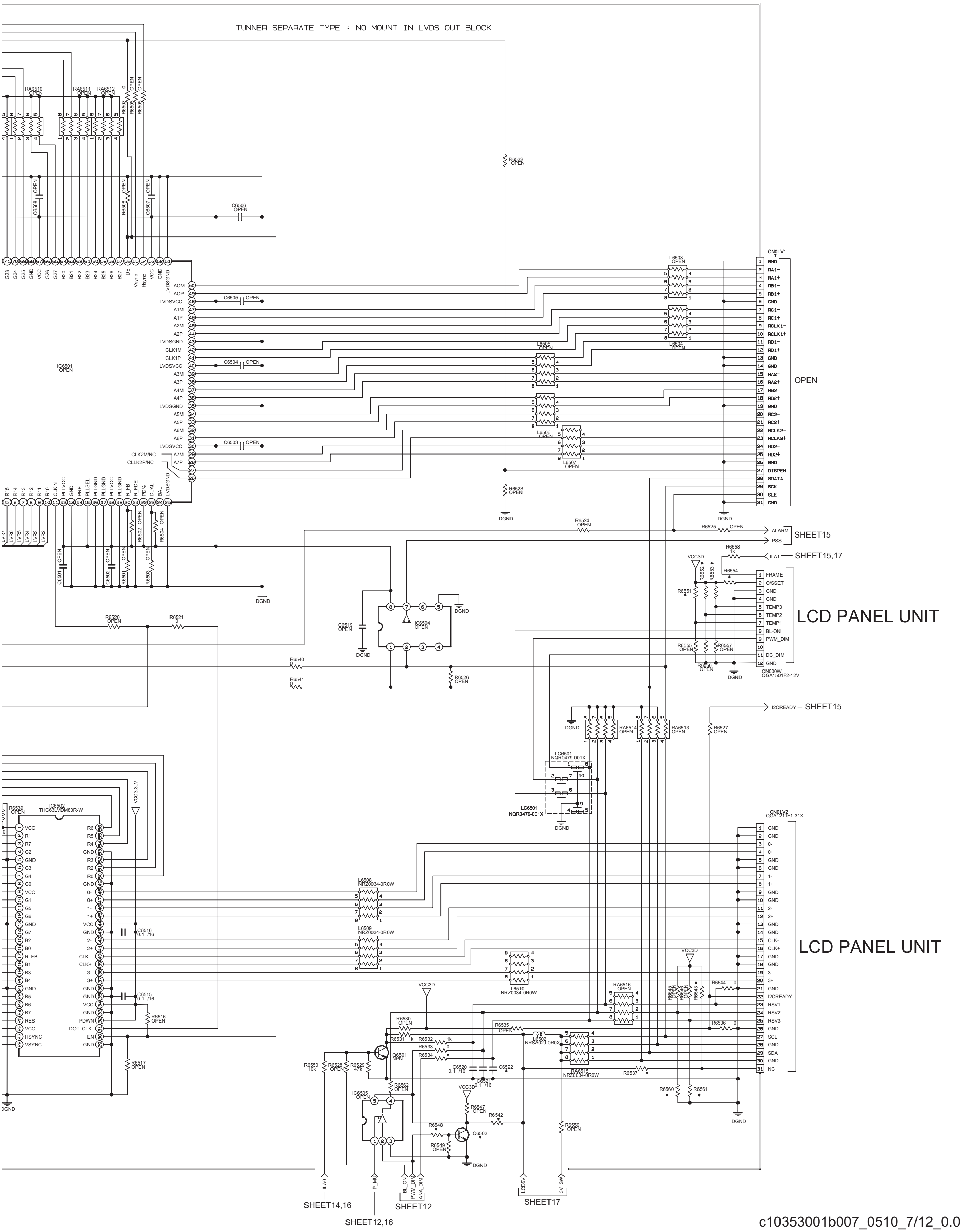
O : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X

# DIFFERENCE LIST

| NOTE | 40 | 32・26 | 37 | 37 | 32・26 | 40 |
|---|---|---|---|---|---|---|
| Selling Country | JPN | | | | US | |
| ASSY NO. | SFL-0D031A | SFL-0D032A<br>SFL-0D033A | SFL-0D034A | SFL-0D131A | SFL-0D132A<br>SFL-0D133A | SFL-0D134A |
| | OLLC07697 | OLLC07697 -02 ・03 | OLLC07697 -04 | OLLC07697 -05 | OLLC07697 -06 ・07 | OLLC07697 -34 |
| C6522 | NRSA63J -821X | 0.1/16 | 0.1/16 | 0.1/16 | 0.1/16 | NRSA63J -821X |
| Q6502 | NPN | OPEN | OPEN | OPEN | OPEN | NPN |
| R6534 | 0 | 1k | 1k | 1k | 1k | 0 |
| R6537 | 0 | OPEN | OPEN | OPEN | OPEN | 0 |
| R6542 | 1k | 0 | 0 | 0 | 0 | 1k |
| R6543 | OPEN | 0 | 0 | 0 | 0 | OPEN |
| R6545 | OPEN | 0 | OPEN | OPEN | 0 | OPEN |
| R6546 | OPEN | 0 | OPEN | OPEN | 0 | OPEN |
| R6548 | 1k | OPEN | OPEN | OPEN | OPEN | 1k |
| R6551 | OPEN | 1k | 1k | 1k | 1k | OPEN |
| R6552 | OPEN | 1k | 1k | 1k | 1k | OPEN |
| R6553 | OPEN | 1k | 1k | 1k | 1k | OPEN |
| R6554 | OPEN | 0 | 0 | 0 | 0 | OPEN |
| R6560 | OPEN | OPEN | 0 | 0 | OPEN | OPEN |
| R6561 | OPEN | OPEN | 0 | 0 | OPEN | OPEN |

# DIGITAL SIGNAL PWB ASS'Y (7/11)

SFL0D133A-M2 [LT-26X776/KA]
SFL0D132A-M2 [LT-32X776/KA]
SFL0D131A-M2 [LT-37X776/KA]



TUNNER SEPARATE TYPE : NO MOUNT IN LVDS OUT BLOCK
IC6501 OPEN
RA6510 OPEN
RA6511 OPEN
RA6512 OPEN
C6505 OPEN
C6504 OPEN
C6503 OPEN
C6506 OPEN
R6522 OPEN
R6523 OPEN
L6503 OPEN
L6504 OPEN
L6505 OPEN
L6506 OPEN
L6507 OPEN
CN0LV1
OPEN
AOM
AOP
LVDSVCC
A1M
A1P
A2M
A2P
LVDSGND
CLK1M
CLK1P
A3M
A3P
A4M
A4P
A5M
A5P
A6M
A6P
A7M
A7P
CLK2M/NC
CLLK2P/NC
GND
RA1-
RA1+
RB1-
RB1+
RC1-
RC1+
RCLK1-
RCLK1+
RD1-
RD1+
RA2-
RA2+
RB2-
RB2+
RC2-
RC2+
RCLK2-
RCLK2+
RD2-
RD2+
DISPEN
SDATA
SCK
SLE
DGND
R6524 OPEN
R6525 OPEN
ALARM
PSS
SHEET15
R6558 1k
ILA1
SHEET15,17
VCC3D
R6554
R6551
R6552
R6553
R6555 OPEN
R6556 OPEN
R6557 OPEN
FRAME
O/SSET
TEMP3
TEMP2
TEMP1
BL-ON
PWM_DIM
DC_DIM
CN000W
QGA1501F2-12V
LCD PANEL UNIT
IC6504 OPEN
C6519 OPEN
R6520 OPEN
R6521 0
R6540 0
R6541 0
R6526 OPEN
I2CREADY
SHEET15
RA6514 OPEN
RA6513 OPEN
R6527 OPEN
LC6501
NQR0479-001X
CN0LV2
QGA1211F1-31X
IC6502
THC63LVDM83R-W
R6539 OPEN
VCC3.3LV
L6508 NRZ0034-0R0W
L6509 NRZ0034-0R0W
L6510 NRZ0034-0R0W
C6516 0.1 /16
C6515 0.1 /16
R6516 OPEN
R6517 OPEN
RES
HSYNC
VSYNC
PDWN
DOT_CLK
EN
CLK-
CLK+
I2CREADY
RSV1
RSV2
RSV3
SCL
SDA
NC
LCD PANEL UNIT
RA6516 OPEN
R6544 0
R6536 0
R6535 OPEN
L6502 NRSA023-0R0X
RA6515 NRZ0034-0R0W
R6537
R6530 OPEN
R6531 1k
R6532 1k
R6533 0
R6534
Q6501 NPN
C6520 0.1 /16
C6521 0.1 /16
C6522
R6550 10k
R6528 OPEN
R6529 47k
R6562 OPEN
IC6505 OPEN
R6547 OPEN
R6542
R6548
R6549 OPEN
Q6502
R6559 OPEN
R6560
R6561
ILA0
P_MUTE
BL_ON
PWM_DIM
ANA_DIM
LCD5V
3V_SW
SHEET14,16
SHEET12,16
SHEET12
SHEET17

c10353001b007_0510_7/12_0.0

# *DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (8/11) SHEET 15*

# DIFFERENCE LIST

| NOTE | 40 | 37, 32, 26 | 37, 32, 26 | 40 |
|---|---|---|---|---|
| Selling Country | JPN | | US | |
| ASSY NO. | SFL-0D031A | SFL-0D032A<br>SFL-0D033A<br>SFL-0D034A | SFL-0D131A<br>SFL-0D132A<br>SFL-0D133A | SFL-0D134A |
| | OLLC07697 | OLLC07697 -04 (etc) | OLLC07697 -05 (etc) | OLLC07697 -34 |
| R6036 | 100 | 100 | OPEN | 100 |
| R6038 | 1k | 1k | OPEN | OPEN |
| R6039 | 1k | 1k | OPEN | OPEN |
| R6040 | 0 | 0 | OPEN | OPEN |
| R6043 | 0 | 0 | OPEN | OPEN |
| R6048 | 10k | 10k | OPEN | OPEN |
| R6059 | 0 | 0 | OPEN | OPEN |
| R6060 | OPEN | OPEN | 0 | 0 |
| RA6001 | OPEN | OPEN | NRZ0034 -0R0W | NRZ0034 -0R0W |

- NOTE -

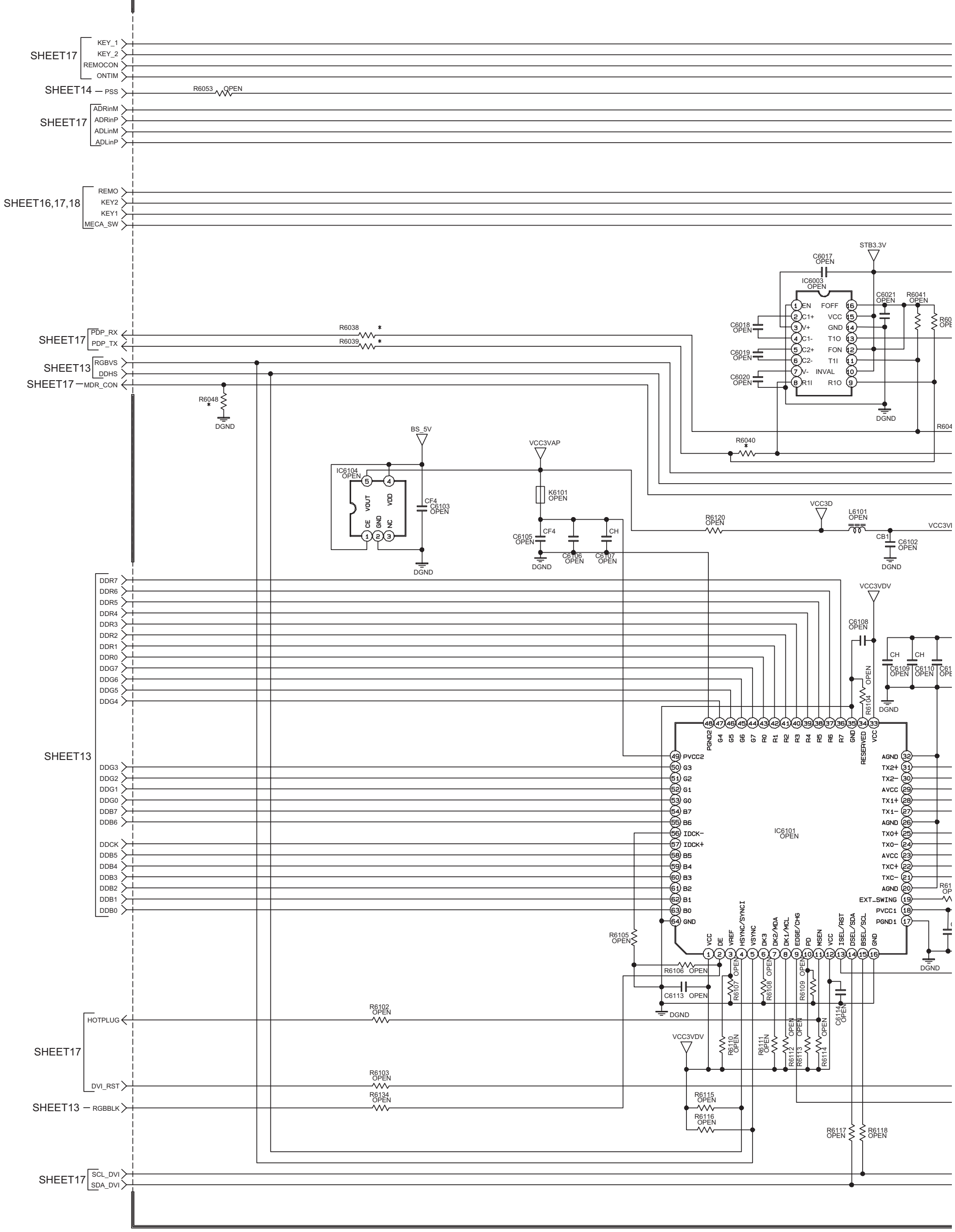
0 : NRSA63J-0R0X

## DIGITAL SIGNAL PWB

SFL0D133A-M2 [LT-26X776/K

SFL0D132A-M2 [LT-32X776/K

SFL0D131A-M2 [LT-37X776/K

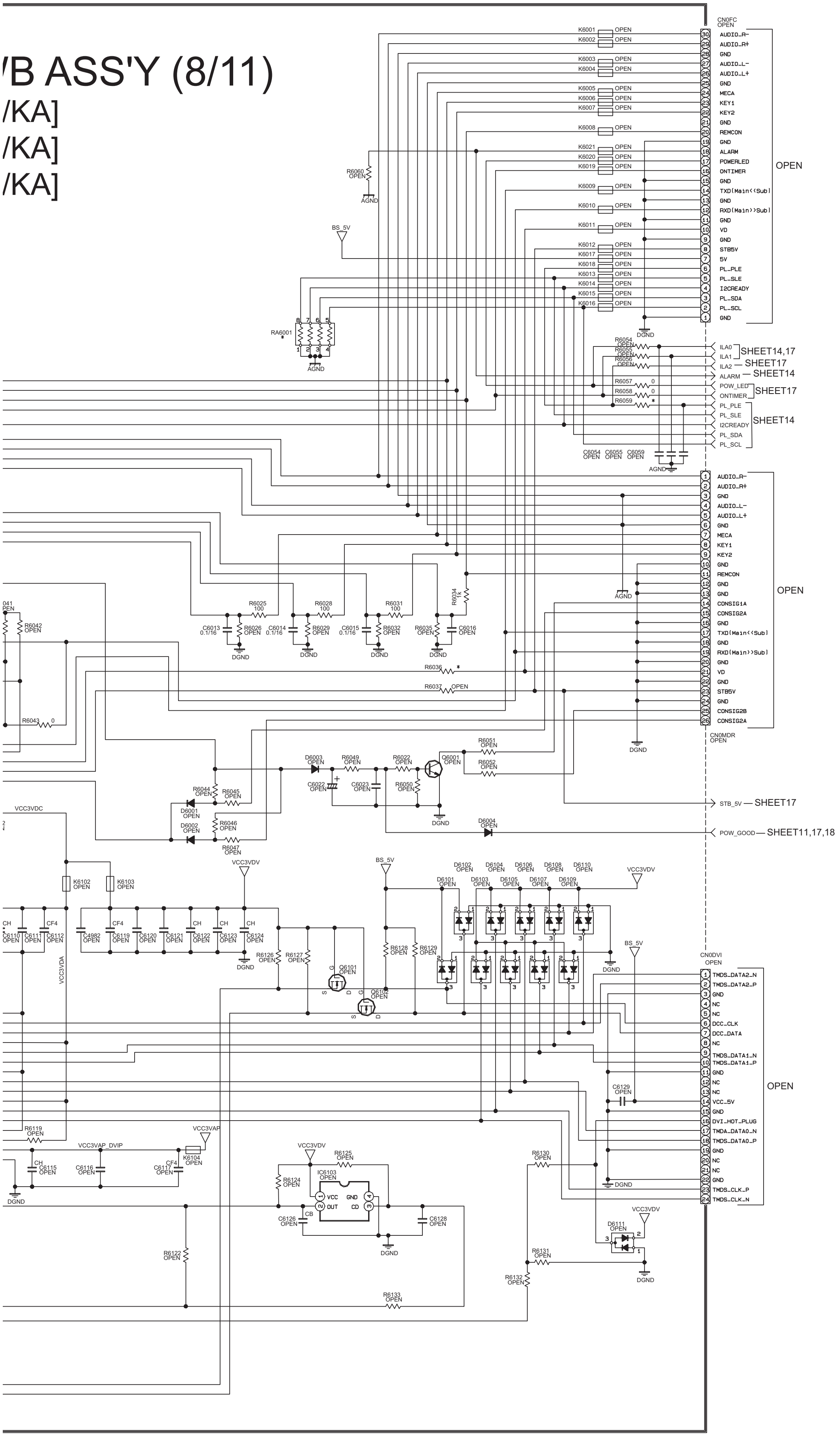

SHEET17
KEY_1
KEY_2
REMOCON
ONTIM
SHEET14
PSS
R6053 OPEN
SHEET17
ADRinM
ADRinP
ADLinM
ADLinP
SHEET16,17,18
REMO
KEY2
KEY1
MECA_SW
SHEET17
PDP_RX
PDP_TX
SHEET13
RGBVS
DDHS
SHEET17
MDR_CON
R6038 *
R6039 *
R6048 *
DGND
STB3.3V
C6017 OPEN
IC6003 OPEN
EN
C1+
V+
C1-
C2+
C2-
V-
R1I
FOFF
VCC
GND
T1O
FON
T1I
INVAL
R1O
C6018 OPEN
C6019 OPEN
C6020 OPEN
C6021 OPEN
R6041 OPEN
R6040 *
BS_5V
IC6104 OPEN
VOUT
VDD
OE
GND
NC
CF4
C6103 OPEN
VCC3VAP
K6101 OPEN
C6105 OPEN
C6106 OPEN
C6107 OPEN
CH
R6120 OPEN
VCC3D
L6101 OPEN
CB1
C6102 OPEN
VCC3VDV
C6108 OPEN
C6109 OPEN
C6110 OPEN
R6104 OPEN
SHEET13
DDR7
DDR6
DDR5
DDR4
DDR3
DDR2
DDR1
DDR0
DDG7
DDG6
DDG5
DDG4
DDG3
DDG2
DDG1
DDG0
DDB7
DDB6
DDCK
DDB5
DDB4
DDB3
DDB2
DDB1
DDB0
IC6101 OPEN
PGND2
G4
G5
G6
G7
R0
R1
R2
R3
R4
R5
R6
R7
GND
RESERVED
VCC
PVCC2
G3
G2
G1
G0
B7
B6
IDCK-
IDCK+
B5
B4
B3
B2
B1
B0
GND
AGND
TX2+
TX2-
AVCC
TX1+
TX1-
AGND
TX0+
TX0-
AVCC
TXC+
TXC-
AGND
EXT_SWING
PVCC1
PGND1
VCC
DE
VREF
HSYNC/SYNCI
VSYNC
DK3
DK2/MDA
DK1/MCL
EDGE/CHG
PD
MSEN
VCC
ISEL/RST
DSEL/SDA
BSEL/SCL
GND
R6105 OPEN
R6106 OPEN
R6107 OPEN
R6108 OPEN
R6109 OPEN
C6113 OPEN
C6114 OPEN
R6110 OPEN
R6111 OPEN
R6112 OPEN
R6113 OPEN
R6114 OPEN
SHEET17
HOTPLUG
R6102 OPEN
DVI_RST
R6103 OPEN
SHEET13
RGBBLK
R6134 OPEN
R6115 OPEN
R6116 OPEN
R6117 OPEN
R6118 OPEN
SHEET17
SCL_DVI
SDA_DVI

# /B ASS'Y (8/11)

/KA]

/KA]

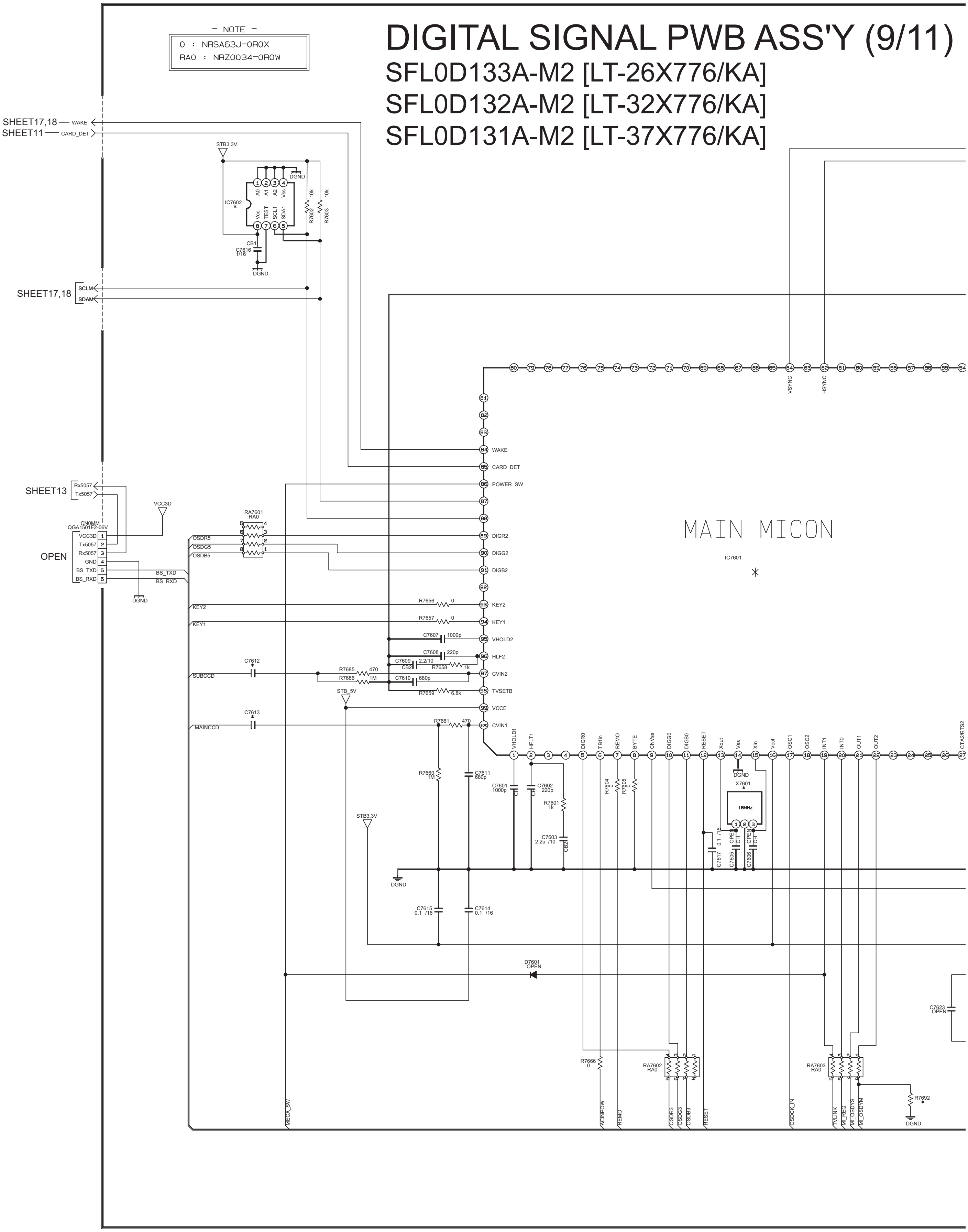
/KA]


CN0FC
OPEN
AUDIO_R-
AUDIO_R+
GND
AUDIO_L-
AUDIO_L+
GND
MECA
KEY1
KEY2
GND
REMCON
GND
ALARM
POWERLED
ONTIMER
GND
TXD(Main<<Sub)
GND
RXD(Main>>Sub)
GND
VD
GND
STB5V
5V
PL_PLE
PL_SLE
I2CREADY
PL_SDA
PL_SCL
GND
OPEN
K6001 OPEN
K6002 OPEN
K6003 OPEN
K6004 OPEN
K6005 OPEN
K6006 OPEN
K6007 OPEN
K6008 OPEN
K6021 OPEN
K6020 OPEN
K6019 OPEN
K6009 OPEN
K6010 OPEN
K6011 OPEN
K6012 OPEN
K6017 OPEN
K6018 OPEN
K6013 OPEN
K6014 OPEN
K6015 OPEN
K6016 OPEN
R6060 OPEN
AGND
BS_5V
RA6001 *
DGND
R6054 OPEN
R6055 OPEN
R6056 OPEN
ILA0
ILA1
ILA2
ALARM
POW_LED
ONTIMER
PL_PLE
PL_SLE
I2CREADY
PL_SDA
PL_SCL
SHEET14,17
SHEET17
SHEET14
SHEET17
SHEET14
R6057 0
R6058 0
R6059 *
C6054 OPEN
C6055 OPEN
C6059 OPEN
AUDIO_R-
AUDIO_R+
GND
AUDIO_L-
AUDIO_L+
GND
MECA
KEY1
KEY2
GND
REMCON
GND
GND
CONSIG1A
CONSIG2A
GND
TXD(Main<<Sub)
GND
RXD(Main>>Sub)
GND
VD
GND
STB5V
GND
CONSIG2B
CONSIG2A
OPEN
CN0MDR
OPEN
R6025 100
R6028 100
R6031 100
R6034 1K
C6013 0.1/16
R6026 OPEN
C6014 0.1/16
R6029 OPEN
C6015 0.1/16
R6032 OPEN
R6035 OPEN
C6016 OPEN
R6041 OPEN
R6042 OPEN
R6036 *
R6037 OPEN
R6043 0
D6003 OPEN
R6049 OPEN
R6022 OPEN
Q6001 OPEN
R6051 OPEN
R6052 OPEN
C6022 OPEN
C6023 OPEN
R6050 OPEN
R6044 OPEN
R6045 OPEN
D6001 OPEN
D6002 OPEN
R6046 OPEN
R6047 OPEN
STB_5V
SHEET17
D6004 OPEN
POW_GOOD
SHEET11,17,18
VCC3VDC
VCC3VDV
K6102 OPEN
K6103 OPEN
CH
CF4
C6110 OPEN
C6111 OPEN
C6112 OPEN
C4982 OPEN
C6119 OPEN
C6120 OPEN
C6121 OPEN
C6122 OPEN
C6123 OPEN
C6124 OPEN
VCC3VDA
R6126 OPEN
R6127 OPEN
Q6101 OPEN
Q6102 OPEN
R6128 OPEN
R6129 OPEN
D6101 OPEN
D6102 OPEN
D6103 OPEN
D6104 OPEN
D6105 OPEN
D6106 OPEN
D6107 OPEN
D6108 OPEN
D6109 OPEN
D6110 OPEN
CN0DVI
OPEN
TMDS_DATA2_N
TMDS_DATA2_P
GND
NC
NC
DCC_CLK
DCC_DATA
NC
TMDS_DATA1_N
TMDS_DATA1_P
GND
NC
NC
VCC_5V
GND
DVI_HOT_PLUG
TMDA_DATA0_N
TMDS_DATA0_P
GND
NC
NC
GND
TMDS_CLK_P
TMDS_CLK_N
OPEN
C6129 OPEN
R6119 OPEN
VCC3VAP
VCC3VAP_DVIP
K6104 OPEN
C6115 OPEN
C6116 OPEN
C6117 OPEN
R6125 OPEN
IC6103 OPEN
VCC
GND
OUT
CD
R6124 OPEN
C6126 OPEN
CB
C6128 OPEN
R6130 OPEN
D6111 OPEN
R6131 OPEN
R6132 OPEN
R6122 OPEN
R6133 OPEN

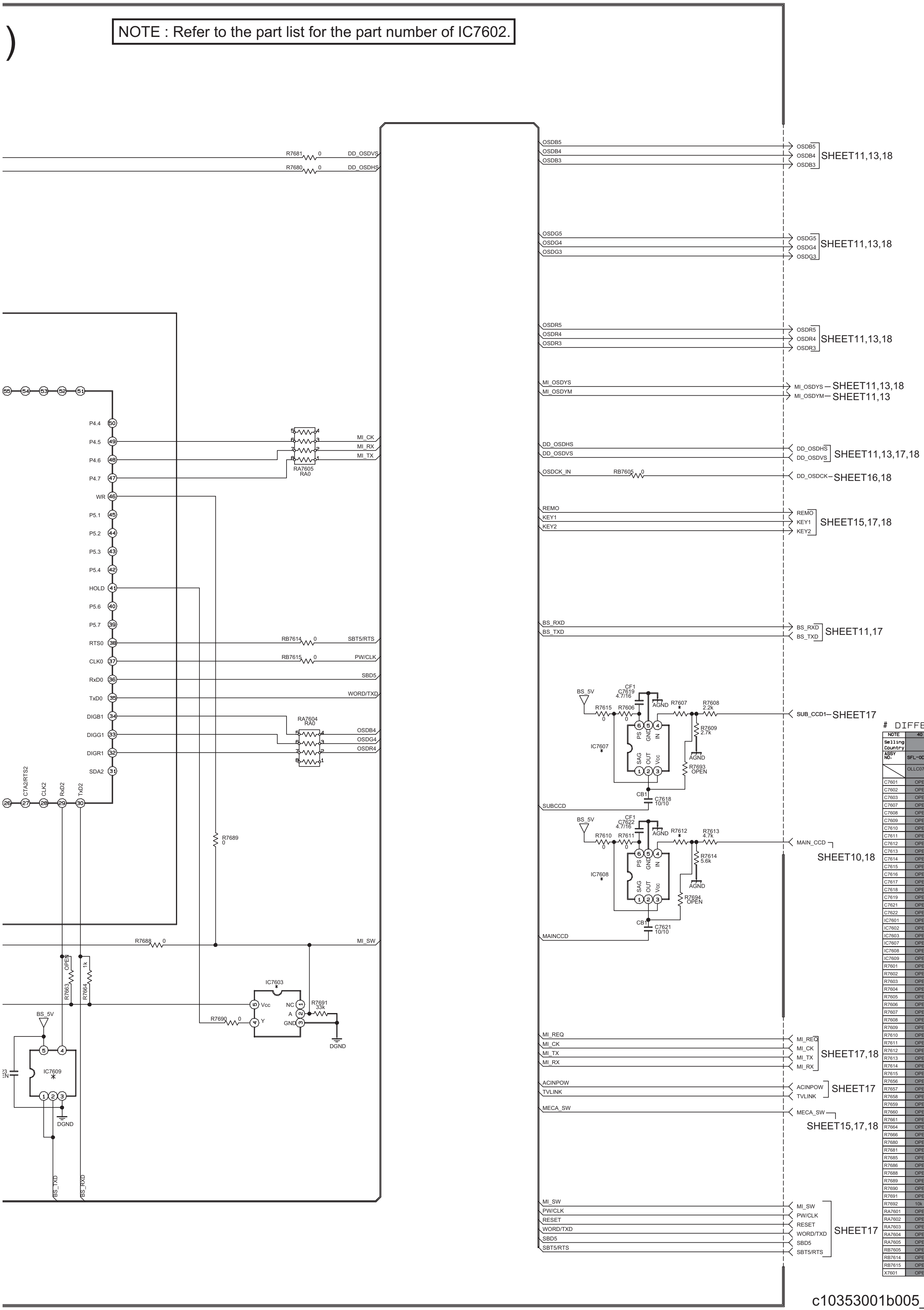
# DIGITAL SIGNAL PWB ASS'Y (9/11)

SFL0D133A-M2 [LT-26X776/KA]
SFL0D132A-M2 [LT-32X776/KA]
SFL0D131A-M2 [LT-37X776/KA]

– NOTE –
0 : NRSA63J-0R0X
RA0 : NRZ0034-0R0W


SHEET17,18 WAKE
SHEET11 CARD_DET
STB3.3V
IC7602
A0 A1 A2 Vss
Vcc TEST SCL1 SDA1
DGND
R7602 10k
R7603 10k
CB1
C7616 1/16
SHEET17,18
SCLM
SDAM
SHEET13
Rx5057
Tx5057
VCC3D
CN0MM
QGA1501F2-06V
VCC3D 1
Tx5057 2
Rx5057 3
GND 4
BS_TXD 5
BS_RXD 6
OPEN
DGND
RA7601 RA0
OSDR5
OSDG5
OSDB5
BS_TXD
BS_RXD
KEY2
KEY1
SUBCCD
MAINCCD
C7612
C7613
R7685 470
R7686 1M
STB_5V
R7656 0
R7657 0
C7607 1000p
C7608 220p
C7609 2.2/10
CB2
R7658 1k
C7610 680p
R7659 6.8k
R7661 470
R7660 1M
C7611 680p
C7615 0.1 /16
C7614 0.1 /16
STB3.3V
DGND
MAIN MICON
IC7601
84 WAKE
85 CARD_DET
86 POWER_SW
87
88
89 DIGR2
90 DIGG2
91 DIGB2
92
93 KEY2
94 KEY1
95 VHOLD2
96 HLF2
97 CVIN2
98 TVSETB
99 VCCE
100 CVIN1
80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54
VSYNC
HSYNC
81 82 83
1 VHOLD1
2 HFLT1
3
4
5 DIGR0
6 TB1in
7 REMO
8 BYTE
9 CNVss
10 DIGG0
11 DIGB0
12 RESET
13 Xout
14 Vss
15 Xin
16 Vccl
17 OSC1
18 OSC2
19 INT1
20 INT0
21 OUT1
22 OUT2
23 24 25 26
27 CTA0/RTS2
C7601 1000p CH
C7602 220p CH
R7601 1k
C7603 2.2u /10 CB2
R7604 0
R7605 0
X7601
16MHz
C7617 0.1 /16
C7605 OPEN CH
C7606 OPEN CH
DGND
D7601 OPEN
C7622 OPEN
R7666 0
RA7602 RA0
RA7603 RA0
R7692
DGND
MECA_SW
ACINPOW
REMO
OSDR3
OSDG3
OSDB3
RESET
OSDCK_IN
TVLINK
MI_REQ
MI_OSDYS
MI_OSDYM

NOTE : Refer to the part list for the part number of IC7602.



R7681 0 DD_OSDVS
R7680 0 DD_OSDHS
OSDB5
OSDB4
OSDB3
SHEET11,13,18
OSDG5
OSDG4
OSDG3
SHEET11,13,18
OSDR5
OSDR4
OSDR3
SHEET11,13,18
MI_OSDYS
MI_OSDYM
MI_OSDYS SHEET11,13,18
MI_OSDYM SHEET11,13
DD_OSDHS
DD_OSDVS
SHEET11,13,17,18
OSDCK_IN
RB7605 0
DD_OSDCK SHEET16,18
REMO
KEY1
KEY2
SHEET15,17,18
BS_RXD
BS_TXD
SHEET11,17
55 54 53 52 51
P4.4 50
P4.5 49
P4.6 48
P4.7 47
WR 46
P5.1 45
P5.2 44
P5.3 43
P5.4 42
HOLD 41
P5.6 40
P5.7 39
RTS0 38
CLK0 37
RxD0 36
TxD0 35
DIGB1 34
DIGG1 33
DIGR1 32
SDA2 31
26 CTA2/RTS2 27 CLK2 28 RxD2 29 TxD2 30
RA7605 RA0
MI_CK
MI_RX
MI_TX
RB7614 0 SBT5/RTS
RB7615 0 PW/CLK
SBD5
WORD/TXD
RA7604 RA0
OSDB4
OSDG4
OSDR4
R7689 0
R7688 0
MI_SW
R7663 OPEN
R7664 1k
IC7603
Vcc
NC
A
GND
Y
R7691 33k
R7690 0
DGND
BS_5V
IC7609
DGND
BS_TXD
BS_RXD
BS_5V
CF1 C7619 4.7/16
AGND
R7615 0
R7606 0
R7607
R7608 2.2k
R7609 2.7k
PS GND IN
SAG OUT Vcc
IC7607
R7693 OPEN
CB1 C7618 10/10
SUB_CCD1 SHEET17
SUBCCD
CF1 C7622 4.7/16
R7610 0
R7611 0
R7612
R7613 4.7k
R7614 5.6k
IC7608
R7694 OPEN
CB1 C7621 10/10
MAIN_CCD
SHEET10,18
MAINCCD
MI_REQ
MI_CK
MI_TX
MI_RX
SHEET17,18
ACINPOW
TVLINK
SHEET17
MECA_SW
SHEET15,17,18
MI_SW
PW/CLK
RESET
WORD/TXD
SBD5
SBT5/RTS
SHEET17

# DIFFERENCE LIST

| NOTE | 40 | 37,32,26 | 37,32,26 | 40 |
|---|---|---|---|---|
| Selling Country | JPN | | US | |
| ASSY NO. | SFL-0D031A | SFL-0D032A<br>SFL-0D033A<br>SFL-0D034A | SFL-0D131A<br>SFL-0D132A<br>SFL-0D133A | SFL-0D134A |
| | OLLC07697 | OLLC07697 -04 (etc) | OLLC07697 -05 (etc) | OLLC07697 -34 |
| C7601 | OPEN | OPEN | | |
| C7602 | OPEN | OPEN | | |
| C7603 | OPEN | OPEN | | |
| C7607 | OPEN | OPEN | | |
| C7608 | OPEN | OPEN | | |
| C7609 | OPEN | OPEN | | |
| C7610 | OPEN | OPEN | | |
| C7611 | OPEN | OPEN | | |
| C7612 | OPEN | OPEN | NRSA63J -0R0X | NRSA63J -0R0X |
| C7613 | OPEN | OPEN | NRSA63J -0R0X | NRSA63J -0R0X |
| C7614 | OPEN | OPEN | | |
| C7615 | OPEN | OPEN | | |
| C7616 | OPEN | OPEN | 1/16 CB1 | 1/16 CB1 |
| C7617 | OPEN | OPEN | | |
| C7618 | OPEN | OPEN | | |
| C7619 | OPEN | OPEN | | |
| C7621 | OPEN | OPEN | | |
| C7622 | OPEN | OPEN | | |
| IC7601 | OPEN | OPEN | M306V7MG -125FP | M306V7MG -125FP |
| IC7602 | OPEN | OPEN | *Refer to NOTE | 24LC16B-I /SNG-X |
| IC7603 | OPEN | OPEN | SN74LVC1G 04V-X | SN74LVC1G 04V-X |
| IC7607 | OPEN | OPEN | MM1510 XN-X | MM1510 XN-X |
| IC7608 | OPEN | OPEN | MM1510 XN-X | MM1510 XN-X |
| IC7609 | OPEN | OPEN | SN74LVC1G 08V-X | SN74LVC1G 08V-X |
| R7601 | OPEN | OPEN | | |
| R7602 | OPEN | OPEN | 10k | 10k |
| R7603 | OPEN | OPEN | 10k | 10k |
| R7604 | OPEN | OPEN | | |
| R7605 | OPEN | OPEN | | |
| R7606 | OPEN | OPEN | | |
| R7607 | OPEN | OPEN | NCB31AK -224X | NCB31AK -224X |
| R7608 | OPEN | OPEN | | |
| R7609 | OPEN | OPEN | | |
| R7610 | OPEN | OPEN | | |
| R7611 | OPEN | OPEN | | |
| R7612 | OPEN | OPEN | NCB31AK -224X | NCB31AK -224X |
| R7613 | OPEN | OPEN | | |
| R7614 | OPEN | OPEN | | |
| R7615 | OPEN | OPEN | | |
| R7656 | OPEN | OPEN | | |
| R7657 | OPEN | OPEN | | |
| R7658 | OPEN | OPEN | | |
| R7659 | OPEN | OPEN | | |
| R7660 | OPEN | OPEN | | |
| R7661 | OPEN | OPEN | | |
| R7664 | OPEN | OPEN | | |
| R7666 | OPEN | OPEN | | |
| R7680 | OPEN | OPEN | | |
| R7681 | OPEN | OPEN | | |
| R7685 | OPEN | OPEN | | |
| R7686 | OPEN | OPEN | | |
| R7688 | OPEN | OPEN | | |
| R7689 | OPEN | OPEN | | |
| R7690 | OPEN | OPEN | | |
| R7691 | OPEN | OPEN | | |
| R7692 | 10k | 10k | OPEN | OPEN |
| RA7601 | OPEN | OPEN | | |
| RA7602 | OPEN | OPEN | | |
| RA7603 | OPEN | OPEN | | |
| RA7604 | OPEN | OPEN | | |
| RA7605 | OPEN | OPEN | | |
| RB7605 | OPEN | OPEN | | |
| RB7614 | OPEN | OPEN | | |
| RB7615 | OPEN | OPEN | | |
| X7601 | OPEN | OPEN | NAX0613 -001X | NAX0613 -001X |

c10353001b005_0510_5/12_0.0

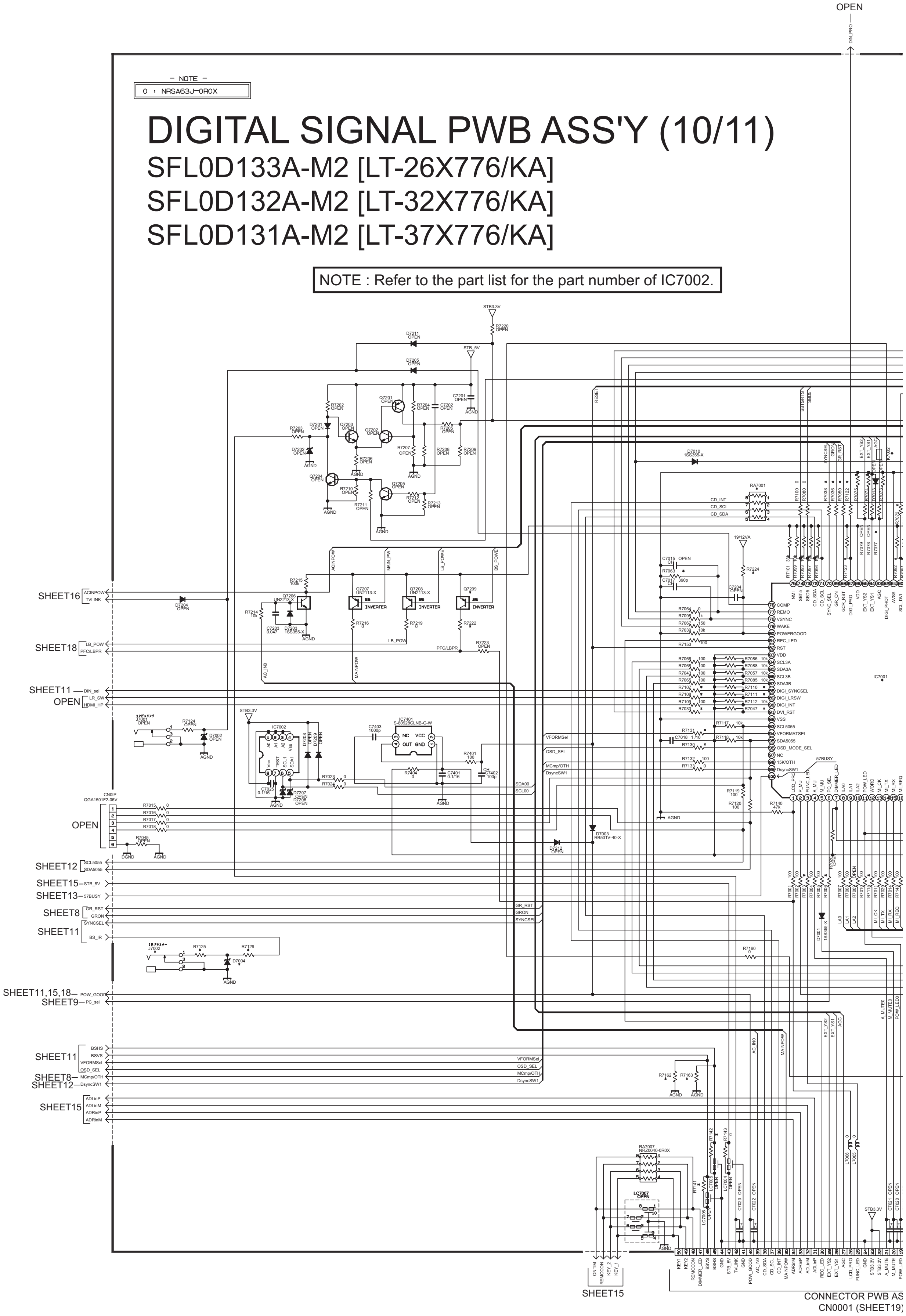
- NOTE -

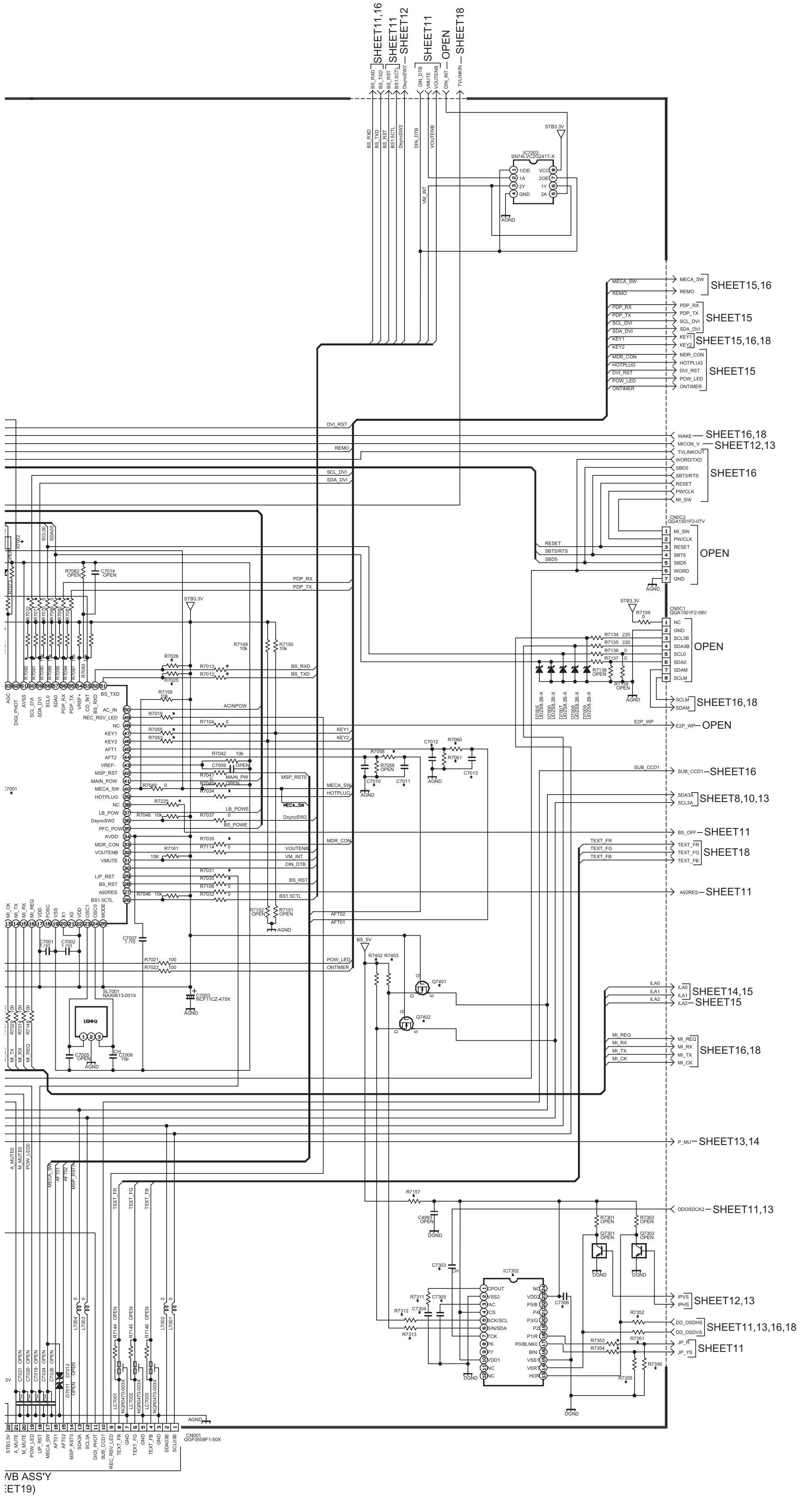
0 : NRSA63J-0R0X

# DIGITAL SIGNAL PWB ASS'Y (10/11)

## SFL0D133A-M2 [LT-26X776/KA]
## SFL0D132A-M2 [LT-32X776/KA]
## SFL0D131A-M2 [LT-37X776/KA]

NOTE : Refer to the part list for the part number of IC7002.

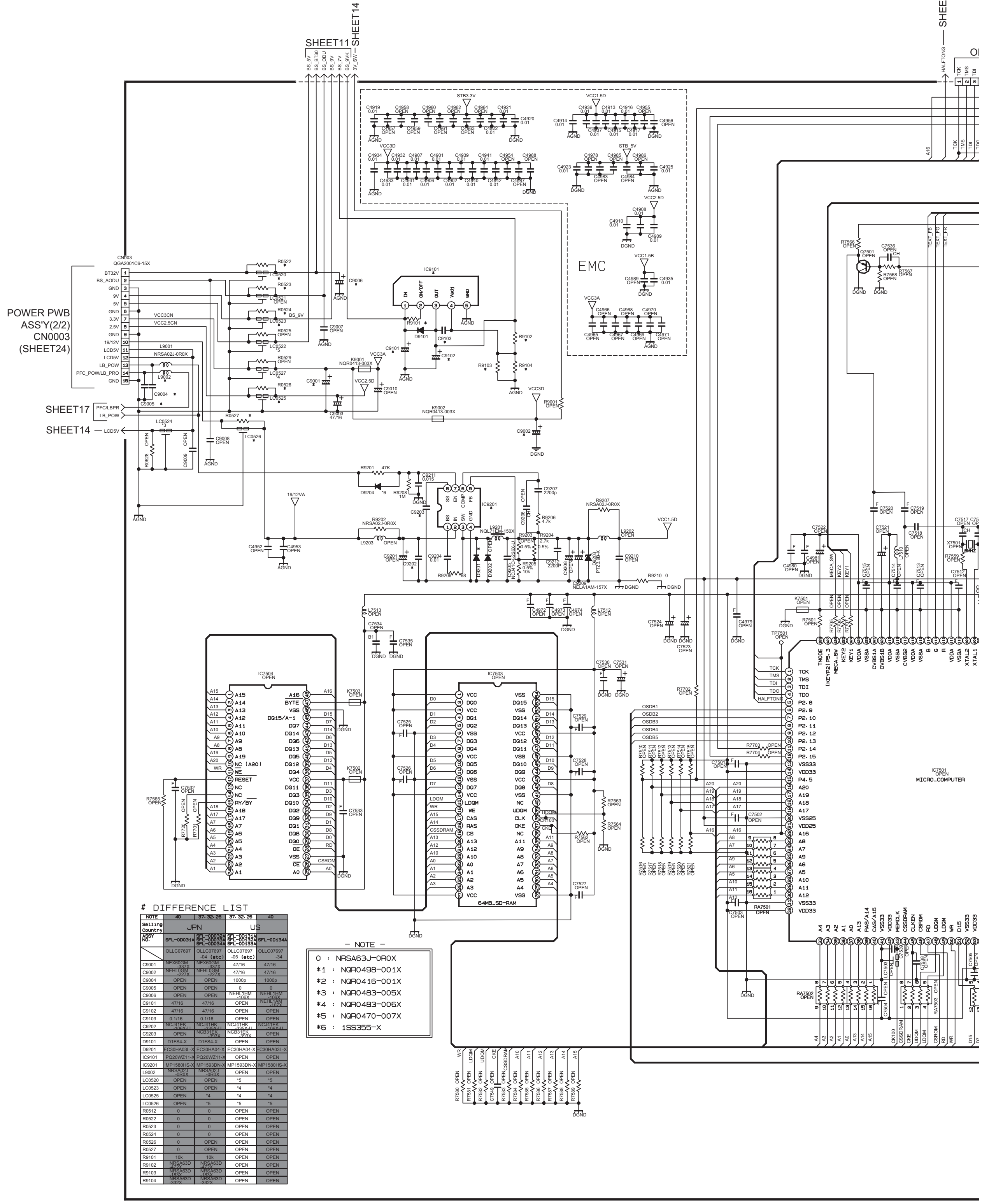

OPEN
DIN_PRO
STB3.3V
R7220 OPEN
D7211 OPEN
STB_5V
D7205 OPEN
Q7201 OPEN
R7204 OPEN
C7202 OPEN
C7201 OPEN
AGND
R7202 OPEN
D7201 OPEN
Q7203 OPEN
Q7202 OPEN
R7205 OPEN
R7203 OPEN
D7202 OPEN
R7206 OPEN
R7207 OPEN
R7208 OPEN
R7209 OPEN
Q7204 OPEN
R7210 OPEN
Q7205 OPEN
R7212 OPEN
R7213 OPEN
R7211 OPEN
RESET
D7010 1SS355-X
RA7001
CD_INT
CD_SCL
CD_SDA
19/12VA
R7224
ACINPOW
MAIN_PW
LB_POWE
BS_POWE
R7215 100k
Q7206 UN2213-X
Q7207 UN2113-X
Q7208 UN2113-X
Q7209
INVERTER
R7214 10k
C7203 0.047
D7203 1SS355-X
R7216 0
R7219 0
R7222
LB_POW
PFC/LBPR
R7223 OPEN
SHEET16
ACINPOW
TVLINK
D7204 OPEN
SHEET18
LB_POW
PFC/LBPR
SHEET11
DIN_sel
OPEN
LR_SW
HDMI_HP
AC_IN0
MAINPOW
J7001 OPEN
R7124 OPEN
D7002 OPEN
STB3.3V
IC7002
IC7401 S-80928CLNB-G-W
C7403 1000p
NC VCC
OUT GND
D7208 OPEN
D7209 OPEN
C7025 0.1/16
D7207 OPEN
D7206 OPEN
R7023 0
R7024 0
R7404 0
C7401 0.1/16
R7401 100
C7402 100p
VFORMSel
OSD_SEL
MCmp/OTH
DsyncSW1
SDA00
SCL00
CN0IP QGA1501F2-06V
R7015 0
R7016 0
R7017 0
R7018 0
R7045 OPEN
DGND
AGND
D7003 RB501V-40-X
D7212 OPEN
SHEET12
SCL5055
SDA5055
SHEET15
STB_5V
SHEET13
57BUSY
SHEET8
GR_RST
GRON
SYNCSEL
SHEET11
BS_IR
J7002
R7125
R7129
D7004
SHEET11,15,18
POW_GOOD
SHEET9
PC_sel
GR_RST
GRON
SYNCSEL
C7015 OPEN
R7063
C7017 390p
C7204 OPEN
COMP
REMO
VSYNC
WAKE
POWERGOOD
REC_LED
RST
VDD
SCL3A
SDA3A
SCL3B
SDA3B
DIGI_SYNCSEL
DIGI_LRSW
DIGI_INT
DVI_RST
VSS
SCL5055
VFORMATSEL
SDA5055
OSD_MODE_SEL
NC
15K/OTH
DsyncSW1
IC7001
57BUSY
R7119 100
R7120 100
R7140 47k
R7160
D7001 1SS355-X
EXT_YS2
EXT_YS1
AGC
A_MUTE0
M_MUTE0
POW_LED0
SHEET11
BSHS
BSVS
VFORMSel
OSD_SEL
SHEET8
MCmp/OTH
SHEET12
DsyncSW1
SHEET15
ADLinP
ADLinM
ADRinP
ADRinM
R7162
R7163
RA7007 NRZ0040-0R0X
LC7007 OPEN
STB3.3V
ONTIM
REMOCON
KEY_2
KEY_1
SHEET15
KEY1
KEY2
REMOCON
DIMMER_LED
BSVS
BSHS
GND
STB_5V
TVLINK
GND
POW_GOOD
AC_IN0
CD_SDA
CD_SCL
CD_INT
MAINPOW
ADRinM
ADRinP
ADLinM
ADLinP
REC_LED
EXT_YS2
EXT_YS1
AGC
LCD_PRO
FUNC_LED
GND
STB3.3V
A_MUTE
M_MUTE
POW_LED
CONNECTOR PWB AS
CN0001 (SHEET19)


SHEET11,16
SHEET11
SHEET12
SHEET11
OPEN
SHEET18
BS_RXD
BS_TXD
BS_RST
BS1.5CTL
DsyncSW2
DIN_DTB
VMUTE
VOUTENB
DIN_INT
TVLINKIN
STB3.3V
IC7303
SN74LVC2G241T-X
1/OE
1A
2Y
GND
VCC
2OE
1Y
2A
AGND
VM_INT
MECA_SW
REMO
SHEET15,16
PDP_RX
PDP_TX
SCL_DVI
SDA_DVI
SHEET15
KEY1
KEY2
SHEET15,16,18
MDR_CON
HOTPLUG
DVI_RST
POW_LED
ONTIMER
SHEET15
WAKE
SHEET16,18
MICON_V
SHEET12,13
TVLINKOUT
WORD/TXD
SBD5
SBT5/RTS
RESET
PW/CLK
MI_SW
SHEET16
CN0C2
QGA1501F2-07V
OPEN
RESET
SBT5/RTS
SBD5
CN0C1
QGA1501F2-08V
NC
GND
SCL3B
SDA3B
SCL0
SDA0
SDAM
SCLM
OPEN
SHEET16,18
E2P_WP
OPEN
SUB_CCD1
SHEET16
SDA3A
SCL3A
SHEET8,10,13
BS_OFF
SHEET11
TEXT_FR
TEXT_FG
TEXT_FB
SHEET18
A92RES
SHEET11
ILA0
ILA1
ILA2
SHEET14,15
SHEET15
MI_REQ
MI_RX
MI_TX
MI_CK
SHEET16,18
P_MU
SHEET13,14
DDOSDCK2
SHEET11,13
IPVS
IPHS
SHEET12,13
DD_OSDHS
DD_OSDVS
SHEET11,13,16,18
JP_R
JP_YS
SHEET11
IC7302
CPOUT
VSS2
AC
CS
SCK/SCL
SIN/SDA
TCK
P6
P7
VDD1
NC
NC
VDD2
P5/B
P4
P3/G
P2
P1/R
P0/BLNK0
BIN
VSS1
VERT
HOR
Q7301
Q7302
Q7401
Q7402
BS_5V
R7402
R7403
DGND
SL7001
NAX0613-001X
16MHz
C7003
NCF71CZ-475X
AGND
AC_IN
REC_RSV_LED
NC
KEY1
KEY2
AFT1
AFT2
VREF-
MSP_RST
MAIN_POW
MECA_SW
HOTPLUG
NC
LB_POW
DsyncSW2
PFC_POW
AVDD
MDR_CON
VOUTENB
VMUTE
LIP_RST
BS_RST
A92RES
BS1.5CTL
IC7001
CN001
QGF0508F1-50X
STB3.3V
A_MUTE
M_MUTE
POW_LED
LIP_RST
MECA_SW
AFT01
AFT02
MSP_RST0
SDA3A
SCL3A
DIGI_PHOT
SUB_CCD1
REC_RSV_LED
TEXT_FR
GND
TEXT_FG
GND
TEXT_FB
GND
SDA03B
SCL03B
WB ASS'Y
(SHEET19)

# DIFFERENCE LIST

| NOTE | 40 | 37,32,26 | 37,32,26 | 40 |
|---|---|---|---|---|
| Selling Country | JPN | | US | |
| ASSY NO. | SFL-0D031A | SFL-0D032A<br>SFL-0D033A<br>SFL-0D034A | SFL-0D131A<br>SFL-0D132A<br>SFL-0D133A | SFL-0D134A |
| | OLLC07697 | OLLC07697 -04 (etc) | OLLC07697 -05 (etc) | OLLC07697 -34 |
| C7010 | 0.01 | 0.01 | OPEN | OPEN |
| C7011 | 0.01 | 0.01 | OPEN | OPEN |
| C7012 | 1/10 | 1/10 | 0.01 | 0.01 |
| C7013 | 0.01 | 0.01 | OPEN | OPEN |
| C7015 | 0.001 | 0.001 | OPEN | OPEN |
| C7303 | 1000p CH | 1000p CH | OPEN | OPEN |
| C7304 | 0.01 | 0.01 | OPEN | OPEN |
| C7305 | 1/10 | 1/10 | OPEN | OPEN |
| C7306 | 0.1 | 0.1 | OPEN | OPEN |
| D7004 | UDZS 8.2B-X | UDZS 8.2B-X | OPEN | OPEN |
| IC7001 | MN102H60 KJF1 | MN102H60 KJF1 | MN102H60 KPH | MN102H60 KPH1 |
| IC7302 | M35075 -055FP-X | M35075 -055FP-X | OPEN | OPEN |
| J7002 | QNS0001 -001 | QNS0001 -001 | OPEN | OPEN |
| K7002 | NRSA02J -0R0X | NRSA02J -0R0X | OPEN | OPEN |
| Q7209 | UN2113-X | UN2113-X | OPEN | OPEN |
| Q7401 | 2SK1374-X | 2SK1374-X | OPEN | OPEN |
| Q7402 | 2SK1374-X | 2SK1374-X | OPEN | OPEN |
| R7003 | OPEN | OPEN | 100 | 100 |
| R7006 | 100 | 100 | OPEN | OPEN |
| R7012 | 0 | 0 | OPEN | OPEN |
| R7013 | 0 | 0 | OPEN | OPEN |
| R7019 | 0 | 0 | OPEN | 0 |
| R7025 | 10k | 10k | OPEN | OPEN |
| R7026 | 10k | 10k | OPEN | OPEN |
| R7030 | 0 | 0 | 100 | 100 |
| R7031 | 0 | 0 | OPEN | OPEN |
| R7033 | 100 | 100 | OPEN | OPEN |
| R7034 | 0 | 0 | OPEN | OPEN |
| R7035 | 0 | 0 | OPEN | OPEN |
| R7036 | 0 | 0 | OPEN | OPEN |
| R7038 | 0 | 0 | OPEN | OPEN |
| R7047 | 10k | 10k | OPEN | OPEN |
| R7050 | 0 | 0 | OPEN | OPEN |
| R7053 | 100 | 100 | OPEN | OPEN |
| R7055 | 100 | 100 | OPEN | OPEN |
| R7058 | 1k | 1k | 100 | 100 |
| R7060 | 33k | 33k | 22k | 22k |
| R7061 | 150k | 150k | OPEN | OPEN |
| R7063 | 150k | 150k | OPEN | OPEN |
| R7071 | 0 | 0 | OPEN | OPEN |
| R7072 | 0 | 0 | OPEN | OPEN |
| R7074 | 10k | 10k | OPEN | OPEN |
| R7075 | 10k | 10k | OPEN | OPEN |
| R7077 | 0 | 0 | OPEN | OPEN |
| R7081 | 0 | 0 | OPEN | OPEN |
| R7082 | 0 | 0 | OPEN | OPEN |
| R7091 | 33k | 33k | OPEN | OPEN |
| R7092 | 33k | 33k | OPEN | OPEN |
| R7094 | 10k | 10k | OPEN | OPEN |
| R7095 | 10k | 10k | OPEN | OPEN |
| R7107 | 100 | 100 | OPEN | OPEN |
| R7108 | 100 | 100 | OPEN | OPEN |
| R7110 | 10k | 10k | OPEN | OPEN |
| R7111 | 10k | 10k | OPEN | OPEN |
| R7115 | 100 | 100 | OPEN | OPEN |
| R7122 | 0 | 0 | OPEN | OPEN |
| R7123 | 10k | 10k | OPEN | OPEN |
| R7125 | 0 | 0 | OPEN | OPEN |
| R7129 | 47 | 47 | OPEN | OPEN |
| R7130 | 0 | 0 | OPEN | OPEN |
| R7131 | 0 | 0 | OPEN | OPEN |
| R7141 | 0 | 0 | OPEN | OPEN |
| R7142 | 0 | 0 | OPEN | OPEN |
| R7157 | 0 | 0 | OPEN | OPEN |
| R7162 | OPEN | OPEN | 0 | 0 |
| R7163 | OPEN | OPEN | 0 | 0 |
| R7222 | 0 | 0 | OPEN | OPEN |
| R7224 | 47k | 68k | 68k | 47k |
| R7225 | 0 | 0 | OPEN | OPEN |
| R7311 | 1k | 1k | OPEN | OPEN |
| R7312 | 100 | 100 | OPEN | OPEN |
| R7313 | 100 | 100 | OPEN | OPEN |
| R7351 | 22 | 22 | OPEN | OPEN |
| R7352 | 22 | 22 | OPEN | OPEN |
| R7353 | 6.8k | 6.8k | OPEN | OPEN |
| R7354 | 6.8k | 6.8k | OPEN | OPEN |
| R7355 | 12k | 12k | OPEN | OPEN |
| R7356 | 12k | 12k | OPEN | OPEN |
| R7402 | 10k | 10k | OPEN | OPEN |
| R7403 | 10k | 10k | OPEN | OPEN |
| RA7001 | OPEN | OPEN | OPEN | NRZ0040 -101X |

## DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (11/11) SHEET 18


SHEET11
SHEET14
POWER PWB ASS'Y(2/2) CN0003 (SHEET24)
SHEET17
SHEET14
CN003 QGA2001C6-15X
IC9101
IC9201
EMC
IC7504 OPEN
IC7503 OPEN
64MB_SD-RAM
IC7501 OPEN MICRO_COMPUTER
RA7501 OPEN
RA7502 OPEN
RA7503 OPEN

# DIFFERENCE LIST

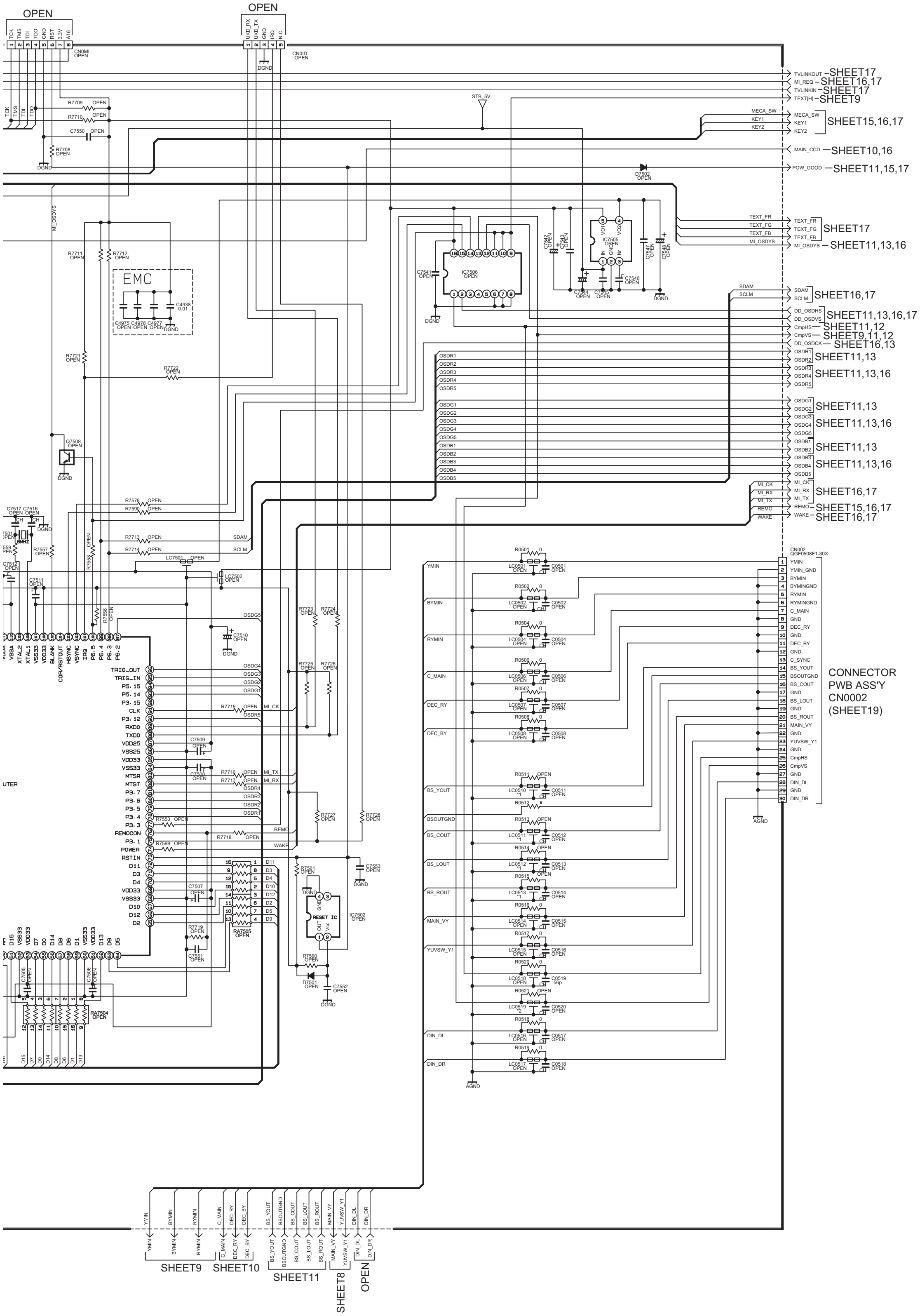
| NOTE | 40 | 37, 32, 26 | 37, 32, 26 | 40 |
|---|---|---|---|---|
| Selling Country | JPN | | US | |
| ASSY NO. | SFL-0D031A | SFL-0D032A<br>SFL-0D033A<br>SFL-0D034A | SFL-0D131A<br>SFL-0D132A<br>SFL-0D133A | SFL-0D134A |
| | OLLC07697 | OLLC07697 -04 (etc) | OLLC07697 -05 (etc) | OLLC07697 -34 |
| C9001 | NEX60GM -337X | NEX60GM -337X | 47/16 | 47/16 |
| C9002 | NEHL0GM -227X | NEHL0GM -227X | 47/16 | 47/16 |
| C9004 | OPEN | OPEN | 1000p | 1000p |
| C9005 | OPEN | OPEN | 0 | 0 |
| C9006 | OPEN | OPEN | NEHL1HM -106X | NEHL1HM -106X |
| C9101 | 47/16 | 47/16 | OPEN | NEHL1AM -107X |
| C9102 | 47/16 | 47/16 | OPEN | OPEN |
| C9103 | 0.1/16 | 0.1/16 | OPEN | OPEN |
| C9202 | NCJ41EK -106X-U | NCJ41HK -335X-U | NCJ41HK -335X-U | NCJ41EK -106X-U |
| C9203 | OPEN | NCB31EK -393X | NCB31EK -393X | OPEN |
| D9101 | D1FS4-X | D1FS4-X | OPEN | OPEN |
| D9201 | EC30HA03L-X | EC30HA04-X | EC30HA04-X | EC30HA03L-X |
| IC9101 | PQ20WZ11-X | PQ20WZ11-X | OPEN | OPEN |
| IC9201 | MP1580HS-X | MP1593DN-X | MP1593DN-X | MP1580HS-X |
| L9002 | NRSA02J -0R0X | NRSA02J -0R0X | OPEN | OPEN |
| LC0520 | OPEN | OPEN | *5 | *5 |
| LC0523 | OPEN | OPEN | *4 | *4 |
| LC0525 | OPEN | *4 | *4 | *4 |
| LC0526 | OPEN | *5 | *5 | *5 |
| R0512 | 0 | 0 | OPEN | OPEN |
| R0522 | 0 | 0 | OPEN | OPEN |
| R0523 | 0 | 0 | OPEN | OPEN |
| R0524 | 0 | 0 | OPEN | OPEN |
| R0526 | 0 | OPEN | OPEN | OPEN |
| R0527 | 0 | OPEN | OPEN | OPEN |
| R9101 | 10k | 10k | OPEN | OPEN |
| R9102 | NRSA63D -472X | NRSA63D -472X | OPEN | OPEN |
| R9103 | NRSA63D -183X | NRSA63D -183X | OPEN | OPEN |
| R9104 | NRSA63D -332X | NRSA63D -332X | OPEN | OPEN |

- NOTE -

0 : NRSA63J-0R0X
*1 : NQR0498-001X
*2 : NQR0416-001X
*3 : NQR0483-005X
*4 : NQR0483-006X
*5 : NQR0470-007X
*6 : 1SS355-X

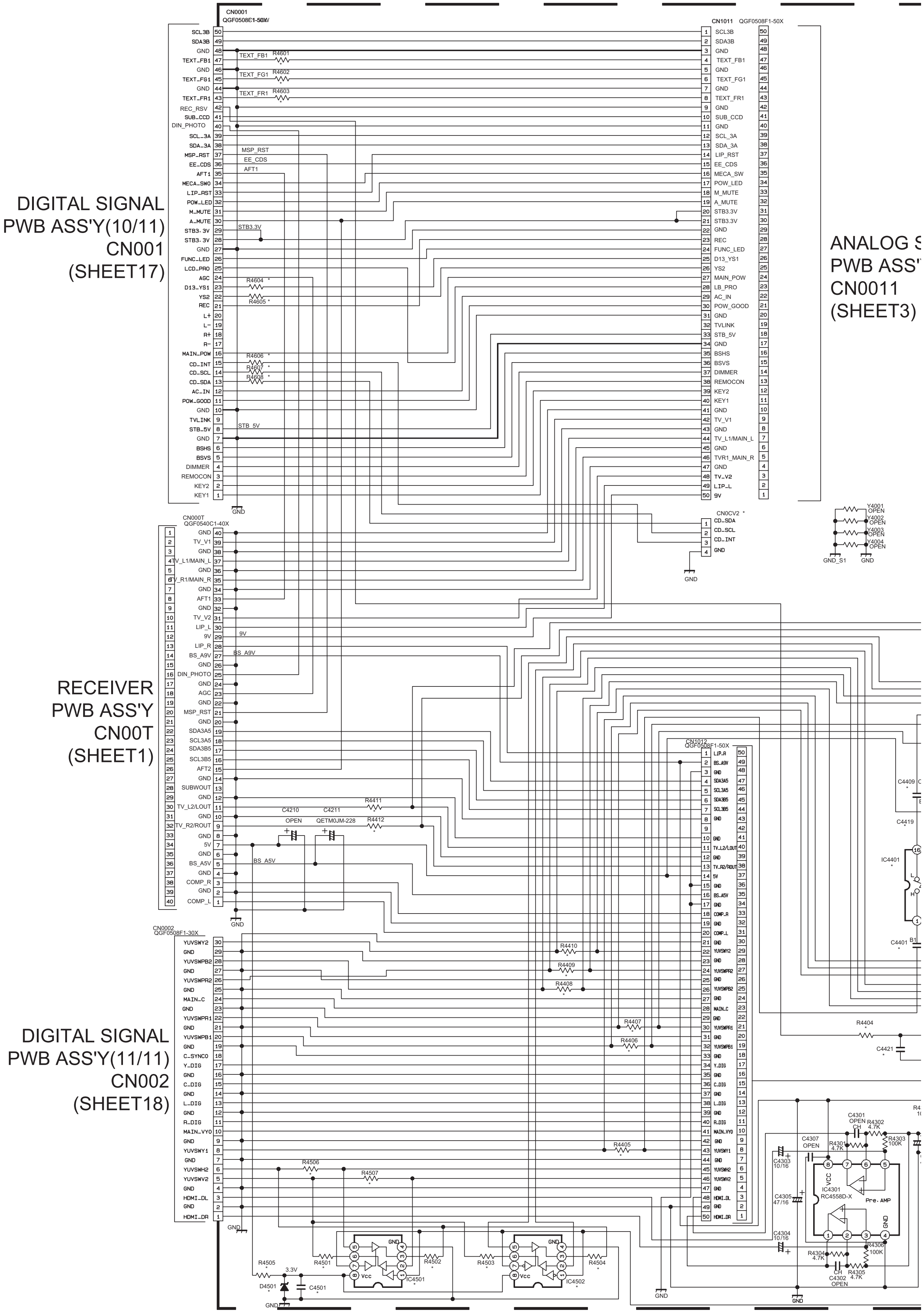
# DIGITAL SIGNAL PWB ASS'Y (11/11)

## SFL0D133A-M2 [LT-26X776/KA]
## SFL0D132A-M2 [LT-32X776/KA]
## SFL0D131A-M2 [LT-37X776/KA]


OPEN
OPEN
CN0MI OPEN
CN00D OPEN
TVLINKOUT SHEET17
MI_REQ SHEET16,17
TVLINKIN SHEET17
TEXT[H] SHEET9
MECA_SW
KEY1
KEY2
SHEET15,16,17
MAIN_CCD SHEET10,16
POW_GOOD SHEET11,15,17
D7502 OPEN
TEXT_FR
TEXT_FG
TEXT_FB
SHEET17
MI_OSDYS SHEET11,13,16
IC7506 OPEN
IC7505 OPEN
EMC
SDAM
SCLM
SHEET16,17
DD_OSDHS
DD_OSDVS
SHEET11,13,16,17
CmpHS SHEET11,12
CmpVS SHEET9,11,12
DD_OSDCK SHEET16,13
OSDR1
OSDR2
SHEET11,13
OSDR3
OSDR4
OSDR5
SHEET11,13,16
OSDG1
OSDG2
SHEET11,13
OSDG3
OSDG4
OSDG5
SHEET11,13,16
OSDB1
OSDB2
SHEET11,13
OSDB3
OSDB4
OSDB5
SHEET11,13,16
MI_CK
MI_RX
MI_TX
SHEET16,17
REMO SHEET15,16,17
WAKE SHEET16,17
CN002 QGF0508F1-30X
YMIN
YMIN_GND
BYMIN
BYMINGND
RYMIN
RYMINGND
C_MAIN
GND
DEC_RY
GND
DEC_BY
GND
C_SYNC
BS_YOUT
BSOUTGND
BS_COUT
GND
BS_LOUT
GND
BS_ROUT
MAIN_VY
GND
YUVSW_Y1
GND
CmpHS
CmpVS
GND
DIN_DL
GND
DIN_DR
CONNECTOR
PWB ASS'Y
CN0002
(SHEET19)
AGND
DGND
TRIG_OUT
TRIG_IN
CLK
RXD0
TXD0
MTSR
MTST
REMOCON
POWER
RSTIN
RESET IC
IC7502 OPEN
RA7505 OPEN
RA7504 OPEN
SHEET9
SHEET10
SHEET11
SHEET8
OPEN

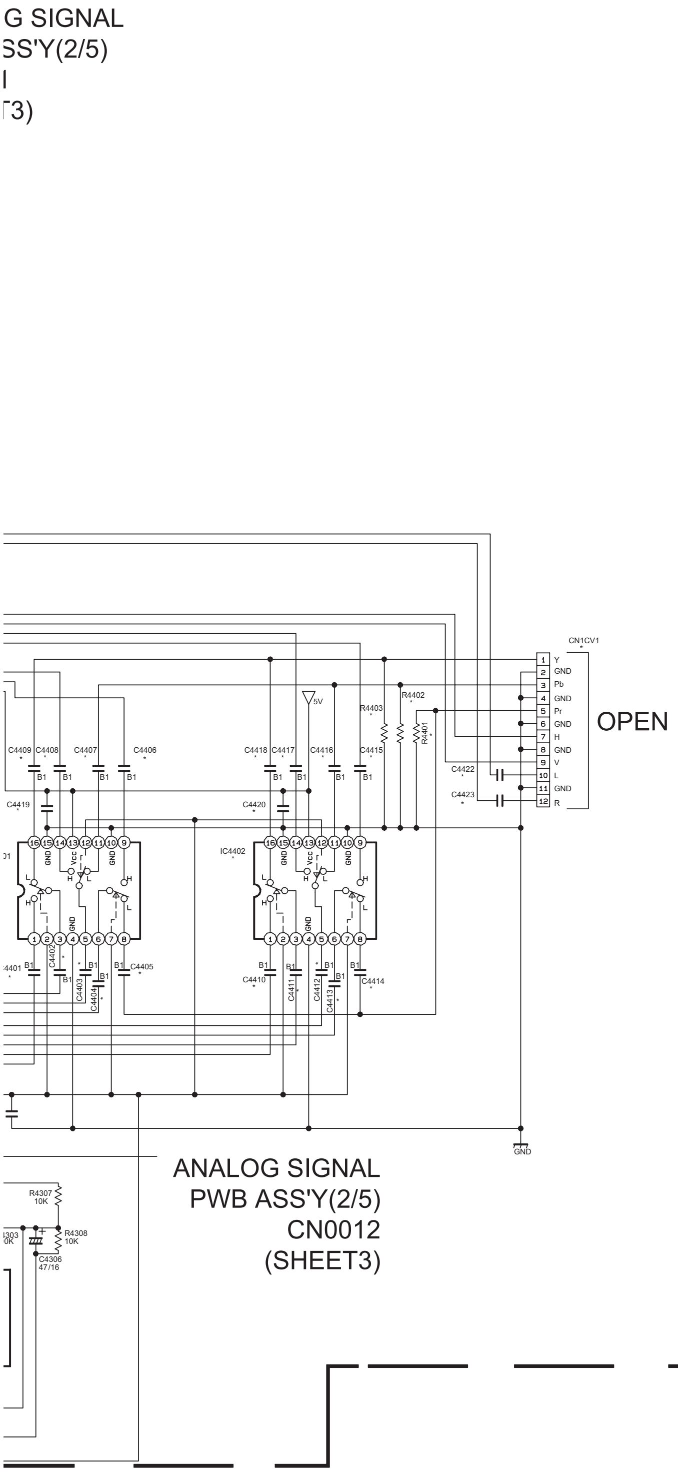
c10353001b012_0506_12/12_1.0

# *CONNECTOR PWB CIRCUIT DIAGRAM SHEET 19*


DIGITAL SIGNAL PWB ASS'Y(10/11) CN001 (SHEET17)
ANALOG S PWB ASS'Y CN0011 (SHEET3)
RECEIVER PWB ASS'Y CN00T (SHEET1)
DIGITAL SIGNAL PWB ASS'Y(11/11) CN002 (SHEET18)
CN0001 QGF0508F1-50X
50 SCL3B
49 SDA3B
48 GND
47 TEXT_FB1
46 GND
45 TEXT_FG1
44 GND
43 TEXT_FR1
42 REC_RSV
41 SUB_CCD
40 DIN_PHOTO
39 SCL_3A
38 SDA_3A
37 MSP_RST
36 EE_CDS
35 AFT1
34 MECA_SW0
33 LIP_RST
32 POW_LED
31 M_MUTE
30 A_MUTE
29 STB3.3V
28 STB3.3V
27 GND
26 FUNC_LED
25 LCD_PRO
24 AGC
23 D13_YS1
22 YS2
21 REC
20 L+
19 L-
18 R+
17 R-
16 MAIN_POW
15 CD_INT
14 CD_SCL
13 CD_SDA
12 AC_IN
11 POW_GOOD
10 GND
9 TVLINK
8 STB_5V
7 GND
6 BSHS
5 BSVS
4 DIMMER
3 REMOCON
2 KEY2
1 KEY1
TEXT_FB1 R4601
TEXT_FG1 R4602
TEXT_FR1 R4603
MSP_RST
EE_CDS
AFT1
STB3.3V
R4604 *
R4605 *
R4606 *
R4607 *
R4608 *
STB_5V
GND
CN1011 QGF0508F1-50X
1 SCL3B
2 SDA3B
3 GND
4 TEXT_FB1
5 GND
6 TEXT_FG1
7 GND
8 TEXT_FR1
9 GND
10 SUB_CCD
11 GND
12 SCL_3A
13 SDA_3A
14 LIP_RST
15 EE_CDS
16 MECA_SW
17 POW_LED
18 M_MUTE
19 A_MUTE
20 STB3.3V
21 STB3.3V
22 GND
23 REC
24 FUNC_LED
25 D13_YS1
26 YS2
27 MAIN_POW
28 LB_PRO
29 AC_IN
30 POW_GOOD
31 GND
32 TVLINK
33 STB_5V
34 GND
35 BSHS
36 BSVS
37 DIMMER
38 REMOCON
39 KEY2
40 KEY1
41 GND
42 TV_V1
43 GND
44 TV_L1/MAIN_L
45 GND
46 TVR1_MAIN_R
47 GND
48 TV_V2
49 LIP_L
50 9V
CN0CV2 *
1 CD_SDA
2 CD_SCL
3 CD_INT
4 GND
GND
Y4001 OPEN
Y4002 OPEN
Y4003 OPEN
Y4004 OPEN
GND_S1
GND
CN000T QGF0540C1-40X
40 GND
39 TV_V1
38 GND
37 TV_L1/MAIN_L
36 GND
35 TV_R1/MAIN_R
34 GND
33 AFT1
32 GND
31 TV_V2
30 LIP_L
29 9V
28 LIP_R
27 BS_A9V
26 GND
25 DIN_PHOTO
24 GND
23 AGC
22 GND
21 MSP_RST
20 GND
19 SDA3A5
18 SCL3A5
17 SDA3B5
16 SCL3B5
15 AFT2
14 GND
13 SUBWOUT
12 GND
11 TV_L2/LOUT
10 GND
9 TV_R2/ROUT
8 GND
7 5V
6 GND
5 BS_A5V
4 GND
3 COMP_R
2 GND
1 COMP_L
9V
BS_A9V
BS_A5V
C4210 OPEN
C4211 QETM0JM-228
R4411
R4412
CN1012 QGF0508F1-50X
1 LIP_R
2 BS_A9V
3 GND
4 SDA3A5
5 SCL3A5
6 SDA3B5
7 SCL3B5
8 GND
10 GND
11 TV_L2/LOUT
12 GND
13 TV_R2/ROUT
14 5V
15 GND
16 BS_A5V
17 GND
18 COMP_R
19 GND
20 COMP_L
21 GND
22 YUVSWY2
23 GND
24 YUVSWPR2
25 GND
26 YUVSWPB2
27 GND
28 MAIN_C
29 GND
30 YUVSWPR1
31 GND
32 YUVSWPB1
33 GND
34 Y_DIG
35 GND
36 C_DIG
37 GND
38 L_DIG
39 GND
40 R_DIG
41 MAIN_VYO
42 GND
43 YUVSWY1
44 GND
45 YUVSWH2
46 YUVSWV2
47 GND
48 HDMI_DL
49 GND
50 HDMI_DR
CN0002 QGF0508F1-30X
30 YUVSWY2
29 GND
28 YUVSWPB2
27 GND
26 YUVSWPR2
25 GND
24 MAIN_C
23 GND
22 YUVSWPR1
21 GND
20 YUVSWPB1
19 GND
18 C_SYNCO
17 Y_DIG
16 GND
15 C_DIG
14 GND
13 L_DIG
12 GND
11 R_DIG
10 MAIN_VYO
9 GND
8 YUVSWY1
7 GND
6 YUVSWH2
5 YUVSWV2
4 GND
3 HDMI_DL
2 GND
1 HDMI_DR
R4410
R4409
R4408
R4407
R4406
R4405
R4404
R4506
R4507
R4501
R4502
R4503
R4504
R4505
3.3V
D4501
C4501
IC4501
IC4502
Vcc
GND
C4409
C4419
IC4401
C4401
C4421
C4301 OPEN CH
R4302 4.7K
R4303 100K
C4307 OPEN
R4301 4.7K
C4303 10/16
C4305 47/16
IC4301 RC4558D-X
Pre. AMP
VCC
C4304 10/16
R4304 4.7K
R4306 100K
CH
C4302 OPEN
R4305 4.7K
GND

# CONNECTOR PWB ASS'Y

## SFL-4121A-M2


G SIGNAL
SS'Y(2/5)
I
T3)
CN1CV1
1 Y
2 GND
3 Pb
4 GND
5 Pr
6 GND
7 H
8 GND
9 V
10 L
11 GND
12 R
OPEN
5V
R4403
R4402
R4401
C4422
C4423
C4409
C4408
C4407
C4406
C4418
C4417
C4416
C4415
C4419
C4420
IC4402
GND
Vcc
H
L
B1
C4401
C4402
C4403
C4404
C4405
C4410
C4411
C4412
C4413
C4414
GND
R4307
10K
R4308
10K
C4306
47/16
ANALOG SIGNAL
PWB ASS'Y(2/5)
CN0012
(SHEET3)

DIFFERENCE LIST

| NOTE | JPN | US | US |
|---|---|---|---|
| INCH | 40/37/32/26 | 37/32/26 | 40 |
| ASS' Y No. | LCA90468 -01* | LCA90468 -02* | LCA90468 -03* |
| | SFL-4101A | SFL-4121A | SFL-4122A |
| | OLLC07663 | OLLC08323 | OLLC08323-02 |
| IC4401 | OPEN | OPEN | TL52055PW-X |
| IC4402 | OPEN | OPEN | TL52055PW-X |
| R4401 | OPEN | OPEN | 75 |
| R4402 | OPEN | OPEN | 75 |
| R4403 | OPEN | OPEN | 75 |
| R4404 | 100 | OPEN | 100 |
| R4405 | 0 | 0 | OPEN |
| R4406 | 0 | 0 | OPEN |
| R4407 | 0 | 0 | OPEN |
| R4408 | 0 | 0 | OPEN |
| R4409 | 0 | 0 | OPEN |
| R4410 | 0 | 0 | OPEN |
| C4401 | OPEN | OPEN | NCB11AK-106X |
| C4402 | OPEN | OPEN | NCB11AK-106X |
| C4403 | OPEN | OPEN | NRS181J-0R0X |
| C4404 | OPEN | OPEN | NRS181J-0R0X |
| C4405 | OPEN | OPEN | NCB11AK-106X |
| C4406 | OPEN | OPEN | NCB11AK-106X |
| C4407 | OPEN | OPEN | NCB11AK-106X |
| C4408 | OPEN | OPEN | NCB11AK-106X |
| C4409 | OPEN | OPEN | NCB11AK-106X |
| C4410 | OPEN | OPEN | NCB11AK-106X |
| C4411 | OPEN | OPEN | NRS181J-0R0X |
| C4412 | OPEN | OPEN | NRS181J-0R0X |
| C4413 | OPEN | OPEN | NRS181J-0R0X |
| C4414 | OPEN | OPEN | NCB11AK-106X |
| C4415 | OPEN | OPEN | NCB11AK-106X |
| C4416 | OPEN | OPEN | NCB11AK-106X |
| C4417 | OPEN | OPEN | NCB11AK-106X |
| C4418 | OPEN | OPEN | NCB11AK-106X |
| C4419 | OPEN | OPEN | NCB21AK-105X |
| C4420 | OPEN | OPEN | NCB21AK-105X |
| C4421 | NDC31HJ-101X | 0 | NDC31HJ-101X |
| IC4501 | TC7WH126FU-X | TC7WH125FU-X | TC7WH126FU-X |
| IC4502 | OPEN | OPEN | TC7WH240FU-X |
| R4501 | OPEN | OPEN | 100 |
| R4502 | 100 | 22 | 22 |
| R4503 | OPEN | OPEN | 100 |
| R4504 | OPEN | OPEN | 22 |
| R4505 | 270 | 270 | 270 |
| R4506 | OPEN | OPEN | OPEN |
| R4507 | 0 | 0 | OPEN |
| C4501 | NCF31CZ-104X | NCF31CZ-104X | NCF31CZ-104X |
| D4501 | MA8033-X | MA8033-X | MA8033-X |
| CN1CV1 | OPEN | OPEN | QGA1501C5-12W |
| CN0CV2 | OPEN | OPEN | QGA1501C5-04W |
| R4411 | 0 | 0 | OPEN |
| R4412 | 0 | 0 | OPEN |
| R4601 | 0 | OPEN | OPEN |
| R4602 | 0 | OPEN | OPEN |
| R4603 | 0 | OPEN | OPEN |
| R4604 | 0 | OPEN | OPEN |
| R4605 | 0 | OPEN | OPEN |
| R4606 | 0 | OPEN | 0 |
| R4607 | 0 | OPEN | 0 |
| R4608 | 0 | OPEN | 0 |
| C4422 | OPEN | OPEN | NCB21CK-105X |
| C4423 | OPEN | OPEN | NCB21CK-105X |

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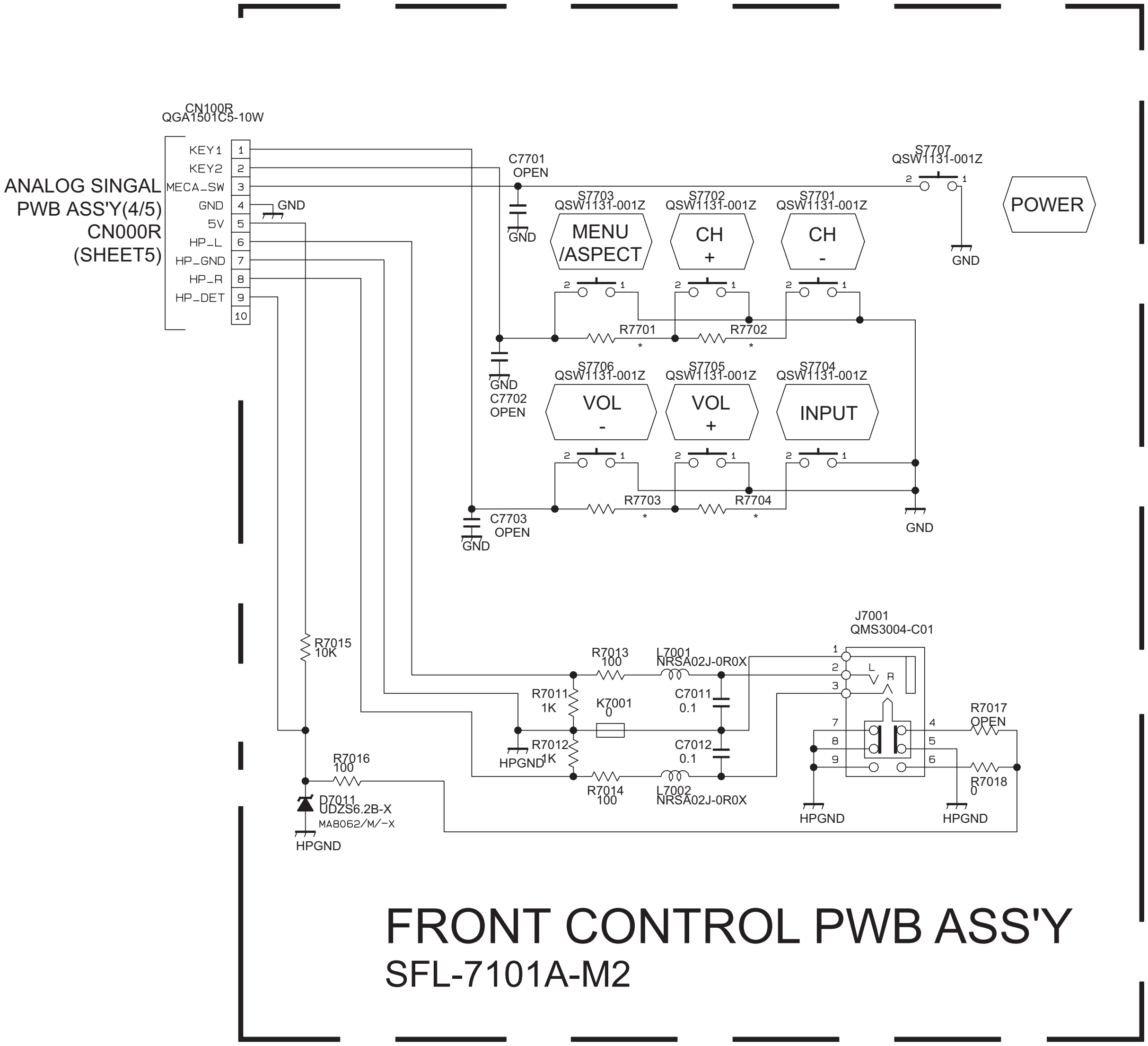
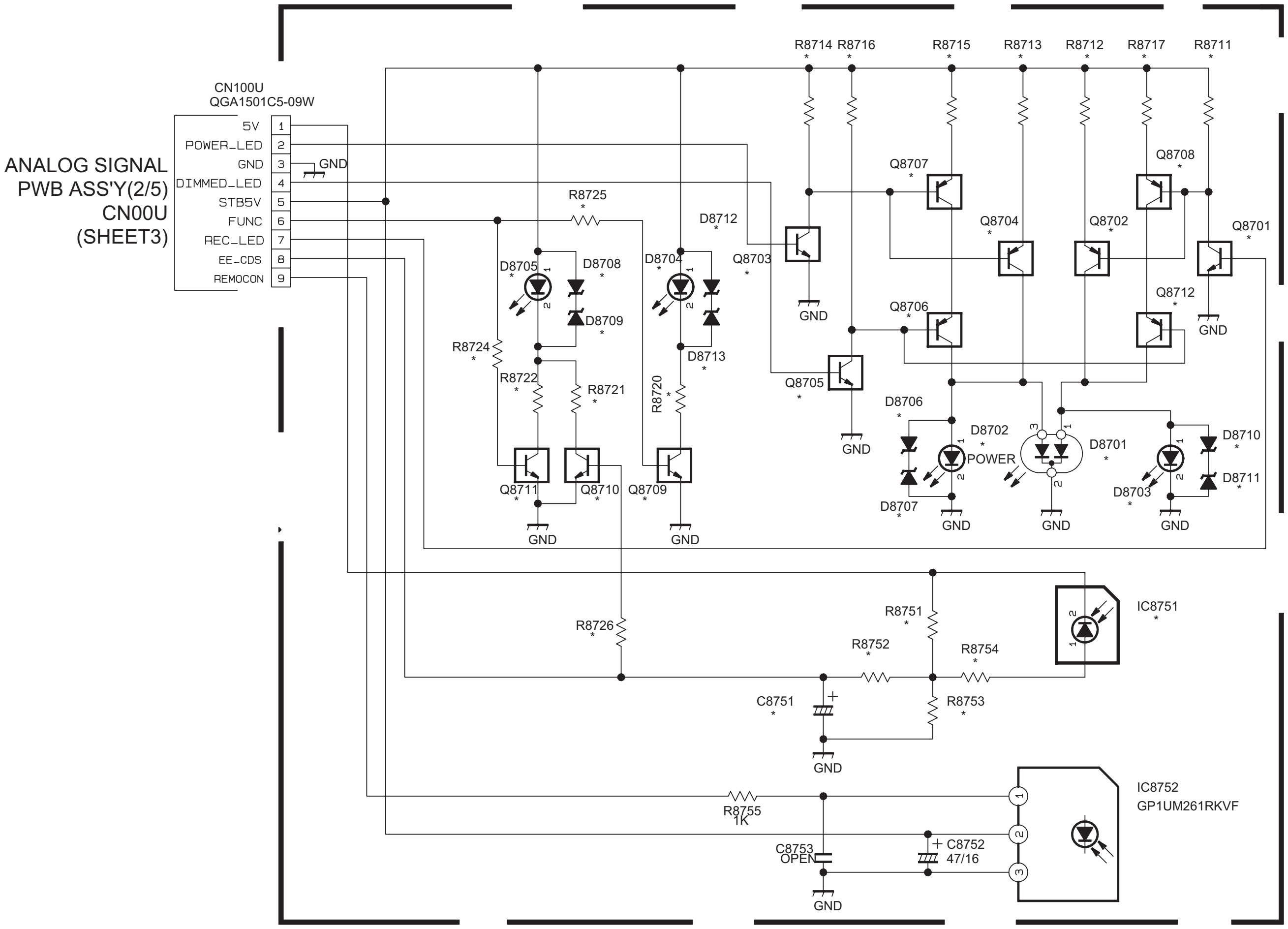

CN100R
QGA1501C5-10W
ANALOG SINGAL
PWB ASS'Y(4/5)
CN000R
(SHEET5)
KEY1 1
KEY2 2
MECA_SW 3
GND 4
5V 5
HP_L 6
HP_GND 7
HP_R 8
HP_DET 9
10
GND
C7701
OPEN
S7707
QSW1131-001Z
POWER
S7703
QSW1131-001Z
MENU
/ASPECT
S7702
QSW1131-001Z
CH
+
S7701
QSW1131-001Z
CH
-
R7701
R7702
C7702
OPEN
S7706
QSW1131-001Z
VOL
-
S7705
QSW1131-001Z
VOL
+
S7704
QSW1131-001Z
INPUT
R7703
R7704
C7703
OPEN
R7015
10K
R7013
100
L7001
NRSA02J-0R0X
J7001
QMS3004-C01
L
R
R7011
1K
K7001
0
C7011
0.1
R7017
OPEN
R7012
1K
HPGND
C7012
0.1
R7016
100
R7014
100
L7002
NRSA02J-0R0X
R7018
0
D7011
UDZS6.2B-X
MA8062/M/-X
FRONT CONTROL PWB ASS'Y
SFL-7101A-M2

DIFFERENCE LIST

| ASS' Y No. | LCA90469 -01* |
|---|---|
| | SFL-7101A |
| | OLLC07662 |
| R7701 | 5.6K |
| R7702 | 15K |
| R7703 | 5.6K |
| R7704 | 15K |

c30156001a001_0506_1/1_1.0

## *FRONT LED PWB CIRCUIT DIAGRAM SHEET 21*



ANALOG SIGNAL
PWB ASS'Y(2/5)
CN00U
(SHEET3)
CN100U
QGA1501C5-09W
5V 1
POWER_LED 2
GND 3
DIMMED_LED 4
STB5V 5
FUNC 6
REC_LED 7
EE_CDS 8
REMOCON 9
GND
R8714 R8716 R8715 R8713 R8712 R8717 R8711
R8725
D8712
D8705
D8708
D8704
D8709
D8713
Q8703
Q8707
Q8708
Q8704
Q8702
Q8701
Q8706
Q8712
Q8705
R8724
R8722
R8721
R8720
D8706
D8702
POWER
D8701
D8710
D8711
D8703
D8707
Q8711
Q8710
Q8709
R8751
IC8751
R8726
R8752
R8754
C8751
R8753
IC8752
GP1UM261RKVF
R8755
1K
C8753
OPEN
C8752
47/16

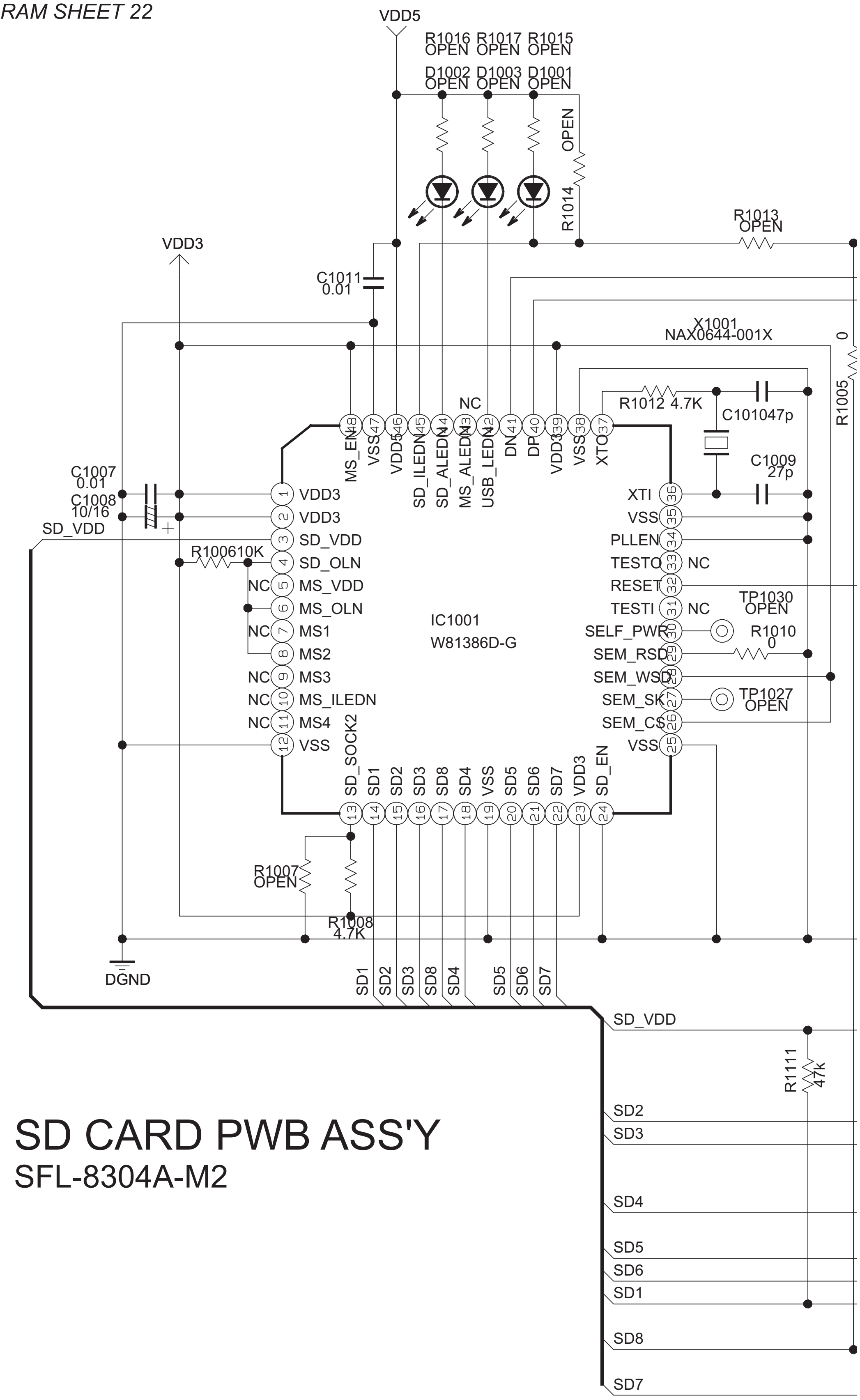
# FRONT LED PWB ASS'Y

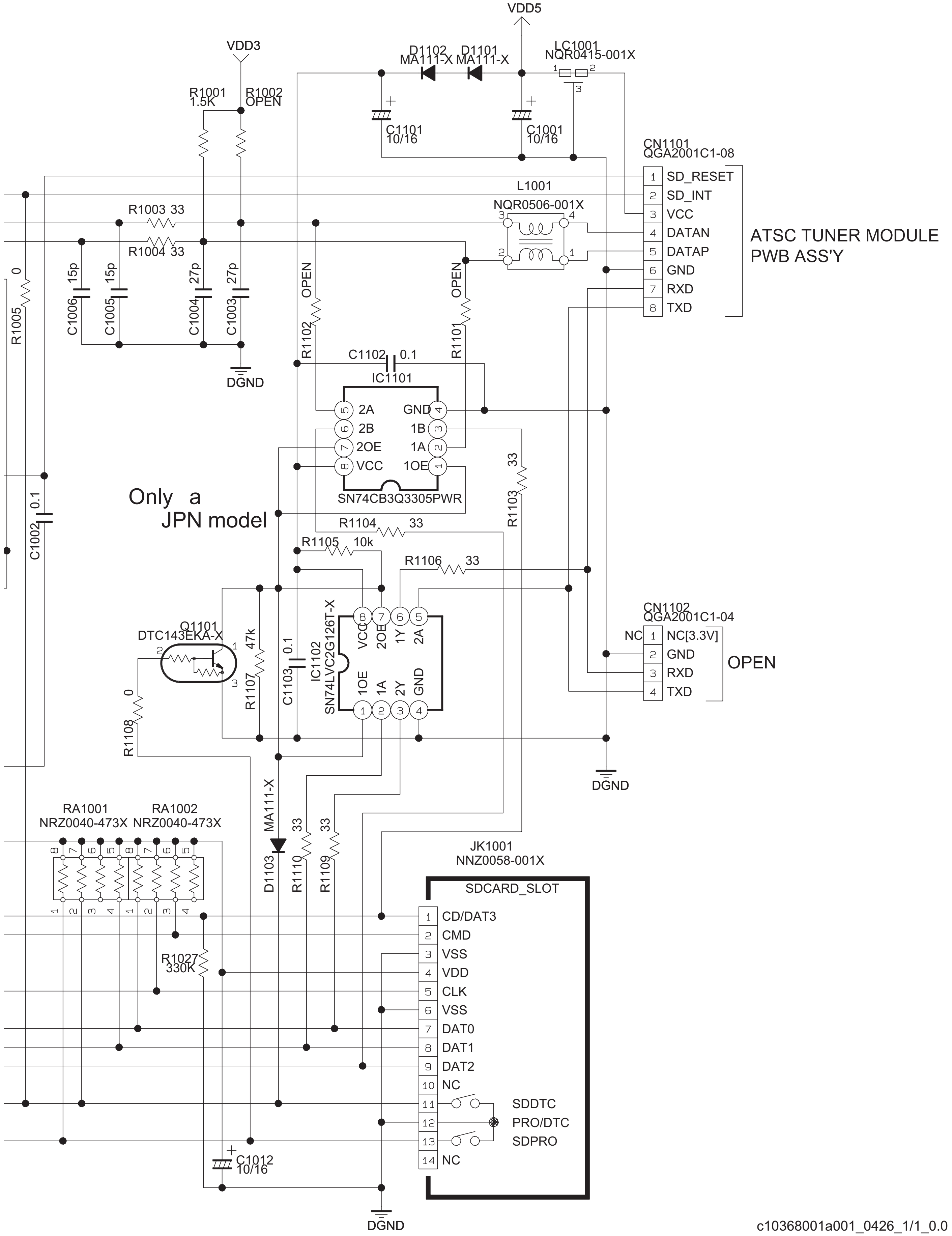
## SFL-8123A-M2

DIFFERENCE LIST

| NOTE | JPN | UK-DTV | EUROPE (non-DTV) ASIA | US |
|---|---|---|---|---|
| INCH | 40/37/32/26 | 37/32/26 | 37/32/26<br>37/32/26 | 40/37/32/26 |
| ASS' Y No. | LCA90470 -01* | LCA90470 -02* | LCA90470 -03* | LCA90470 -04* |
|  | SFL-8103A | SFL-8113A | SFL-8133A | SFL-8123A |
|  | OLLC07665 | OLLC08308 | OLLC08308-02 | OLLC08322 |
| D8701 | SML72420C-T | SML72420C-T | OPEN | OPEN |
| D8702 | OPEN | OPEN | SEL5E20C-T | SEL5E20C-T |
| D8703 | OPEN | OPEN | OPEN | SEL5920A-T |
| D8704 | OPEN | OPEN | OPEN | OPEN |
| D8705 | OPEN | SELU5E20C-T | SELU5E20C-T | SELU5E20C-T |
| D8706 | OPEN | OPEN | MA8068-X | MA8068-X |
| D8707 | OPEN | OPEN | MA8068-X | MA8068-X |
| D8708 | OPEN | MA8068-X | MA8068-X | MA8068-X |
| D8709 | OPEN | MA8068-X | MA8068-X | MA8068-X |
| D8710 | OPEN | OPEN | OPEN | OPEN |
| D8711 | OPEN | OPEN | OPEN | OPEN |
| D8712 | OPEN | OPEN | OPEN | OPEN |
| D8713 | OPEN | OPEN | OPEN | OPEN |
| Q8701 | UN2212-X | UN2212-X | OPEN | UN2212-X |
| Q8702 | UN2110-X | UN2110-X | OPEN | UN2110-X |
| Q8703 | UN2212-X | UN2212-X | UN2212-X | UN2212-X |
| Q8704 | UN2110-X | UN2110-X | UN2110-X | UN2110-X |
| Q8705 | OPEN | OPEN | OPEN | UN2212-X |
| Q8706 | OPEN | OPEN | OPEN | UN2110-X |
| Q8707 | OPEN | OPEN | OPEN | UN2110-X |
| Q8708 | OPEN | OPEN | OPEN | UN2110-X |
| Q8709 | OPEN | OPEN | OPEN | OPEN |
| Q8710 | OPEN | UN2212-X | UN2212-X | UN2212-X |
| Q8711 | OPEN | UN2212-X | UN2212-X | UN2212-X |
| Q8712 | OPEN | OPEN | OPEN | UN2110-X |
| R8711 | 10K | 10K | OPEN | 10K |
| R8712 | 330 | 330 | OPEN | 470 |
| R8713 | 330 | 330 | 330 | 470 |
| R8714 | 10K | 10K | 10K | 10K |
| R8715 | OPEN | OPEN | OPEN | 1K |
| R8716 | OPEN | OPEN | OPEN | 10K |
| R8717 | OPEN | OPEN | OPEN | 1K |
| R8720 | OPEN | OPEN | OPEN | OPEN |
| R8721 | OPEN | 100 | 100 | 100 |
| R8722 | OPEN | 270 | 270 | 270 |
| R8724 | OPEN | 0 | 0 | 0 |
| R8725 | OPEN | OPEN | OPEN | OPEN |
| R8726 | OPEN | 0 | 0 | 0 |
| IC8751 | S9648 | OPEN | OPEN | OPEN |
| R8751 | 150K | OPEN | OPEN | OPEN |
| R8752 | 100 | OPEN | OPEN | OPEN |
| R8753 | 33K | OPEN | OPEN | OPEN |
| R8754 | 15K | OPEN | OPEN | OPEN |
| C8751 | NEHL1EM-226X | OPEN | OPEN | OPEN |

c30157001c001_0510_1/1_0.0


VDD5
R1016 OPEN
R1017 OPEN
R1015 OPEN
D1002 OPEN
D1003 OPEN
D1001 OPEN
OPEN
R1014
R1013 OPEN
VDD3
C1011 0.01
X1001 NAX0644-001X
0
R1005
R1012 4.7K
C1010 47p
C1009 27p
NC
MS_EN 48
VSS 47
VDD5 46
SD_ILEDN 45
SD_ALEDN 44
MS_ALEDN 43
USB_LEDN 42
DN 41
DP 40
VDD3 39
VSS 38
XTO 37
C1007 0.01
C1008 10/16
SD_VDD
R1006 10K
1 VDD3
2 VDD3
3 SD_VDD
4 SD_OLN
NC 5 MS_VDD
6 MS_OLN
NC 7 MS1
8 MS2
NC 9 MS3
NC 10 MS_ILEDN
NC 11 MS4
12 VSS
IC1001
W81386D-G
XTI 36
VSS 35
PLLEN 34
TESTO 33 NC
RESET 32
TESTI 31 NC
SELF_PWR 30
SEM_RSD 29
SEM_WSD 28
SEM_SK 27
SEM_CS 26
VSS 25
TP1030 OPEN
R1010 0
TP1027 OPEN
13 SD_SOCK2
14 SD1
15 SD2
16 SD3
17 SD8
18 SD4
19 VSS
20 SD5
21 SD6
22 SD7
23 VDD3
24 SD_EN
R1007 OPEN
R1008 4.7K
DGND
SD1
SD2
SD3
SD8
SD4
SD5
SD6
SD7
SD_VDD
R1111 47k
SD2
SD3
SD4
SD5
SD6
SD1
SD8
SD7
SD CARD PWB ASS'Y
SFL-8304A-M2


VDD5
VDD3
D1102
MA111-X
D1101
MA111-X
LC1001
NQR0415-001X
R1001
1.5K
R1002
OPEN
C1101
10/16
C1001
10/16
CN1101
QGA2001C1-08
1 SD_RESET
2 SD_INT
3 VCC
4 DATAN
5 DATAP
6 GND
7 RXD
8 TXD
ATSC TUNER MODULE
PWB ASS'Y
L1001
NQR0506-001X
R1003 33
R1004 33
R1005 0
C1006 15p
C1005 15p
C1004 27p
C1003 27p
DGND
R1102 OPEN
R1101 OPEN
C1102 0.1
IC1101
2A
2B
2OE
VCC
GND
1B
1A
1OE
SN74CB3Q3305PWR
C1002 0.1
Only a
JPN model
R1103 33
R1104 33
R1105 10k
R1106 33
Q1101
DTC143EKA-X
R1107 47k
C1103 0.1
IC1102
SN74LVC2G126T-X
VCC
2OE
1Y
2A
1OE
1A
2Y
GND
R1108 0
CN1102
QGA2001C1-04
NC
1 NC[3.3V]
2 GND
3 RXD
4 TXD
OPEN
DGND
RA1001
NRZ0040-473X
RA1002
NRZ0040-473X
D1103
MA111-X
R1110 33
R1109 33
JK1001
NNZ0058-001X
SDCARD_SLOT
1 CD/DAT3
2 CMD
3 VSS
4 VDD
5 CLK
6 VSS
7 DAT0
8 DAT1
9 DAT2
10 NC
11 SDDTC
12 PRO/DTC
13 SDPRO
14 NC
R1027
330K
C1012
10/16
DGND

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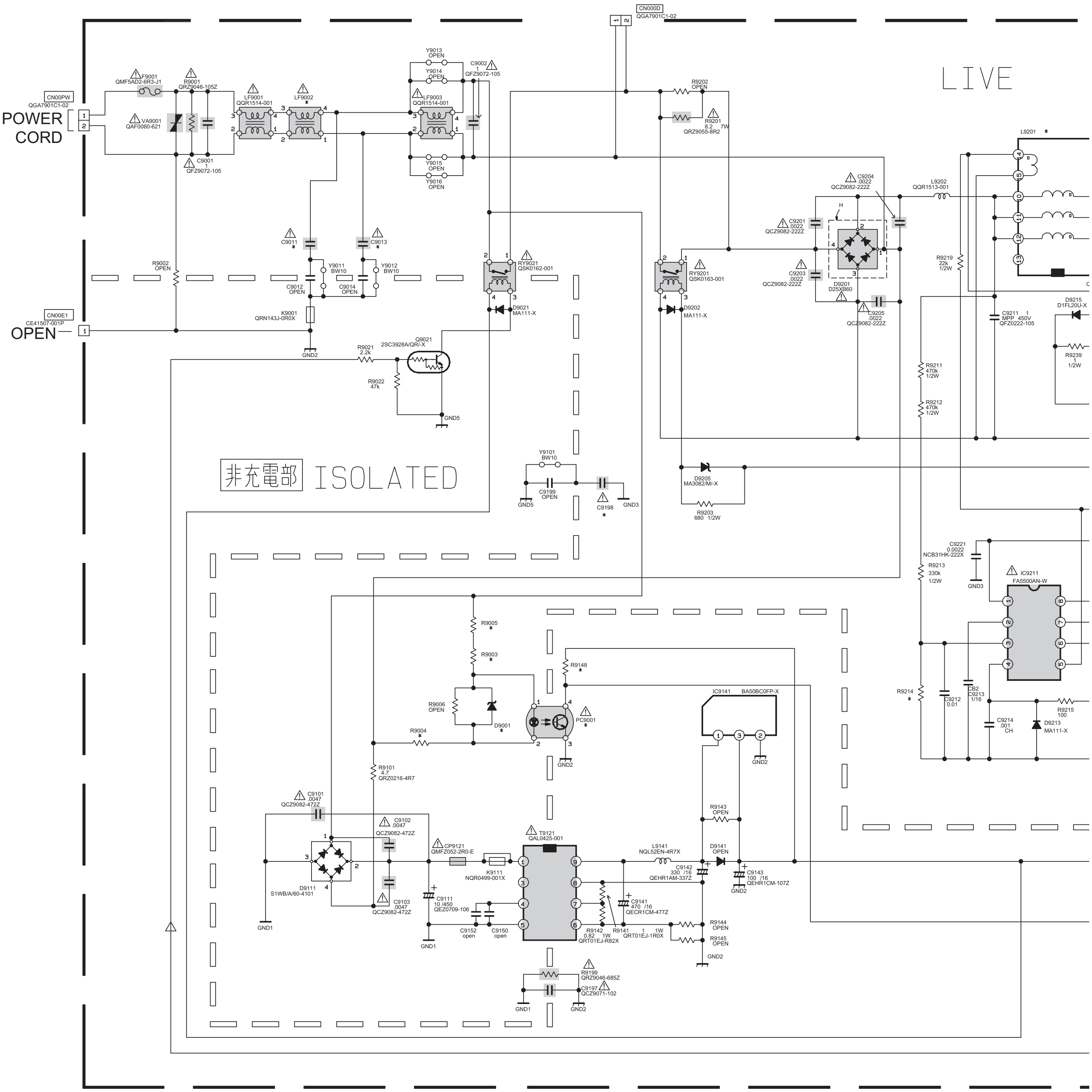
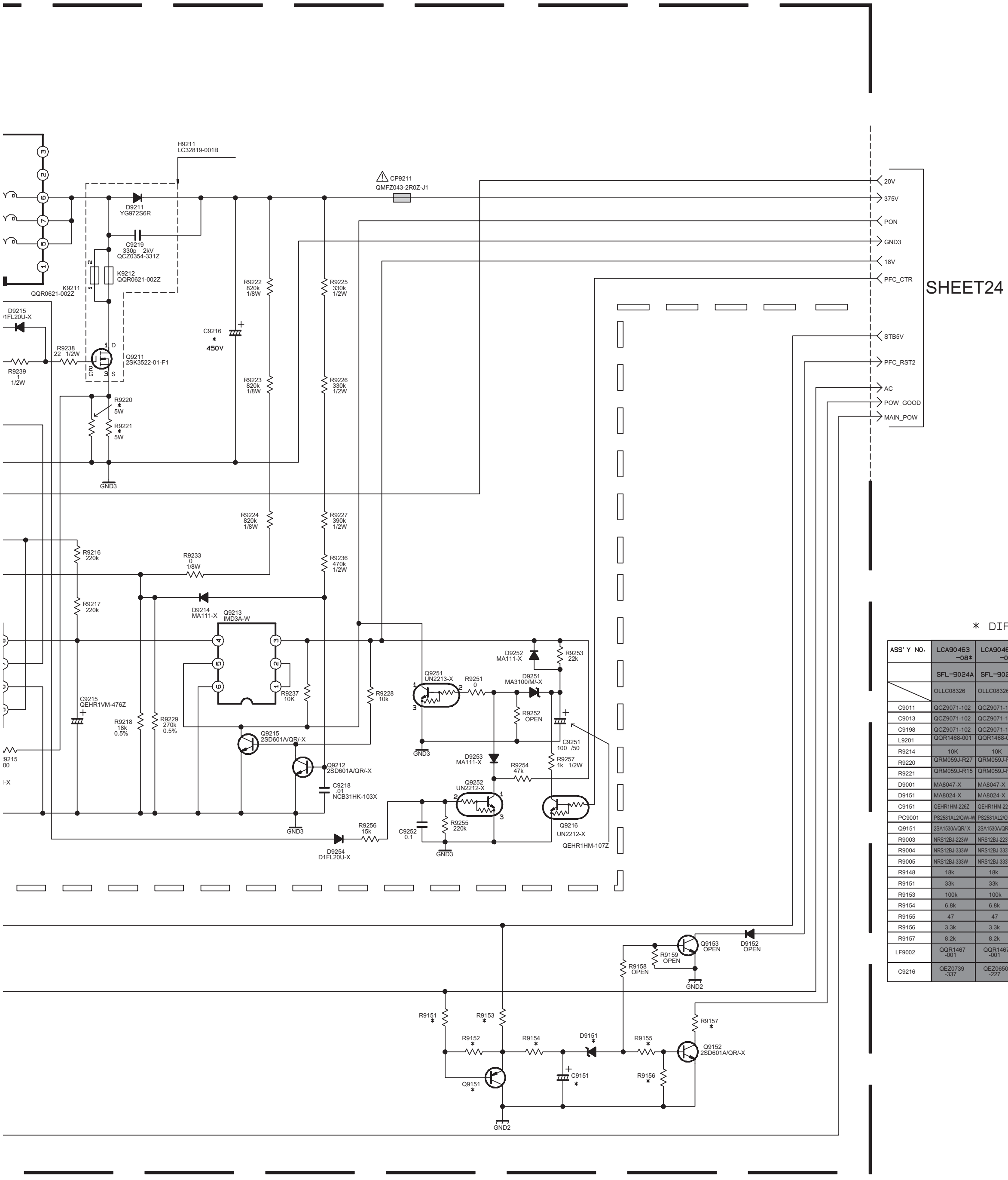
# *POWER PWB CIRCUIT DIAGRAM (1/2) SHEET 23*



CN000D
QGA7901C1-02
LIVE
CN00PW
QGA7901C1-02
POWER CORD
F9001
QMF5AD2-6R3-J1
R9001
QRZ9046-105Z
VA9001
QAF0060-621
C9001
1
QFZ9072-105
LF9001
QQR1514-001
LF9002
LF9003
QQR1514-001
Y9013
OPEN
Y9014
OPEN
Y9015
OPEN
Y9016
OPEN
C9002
1
QFZ9072-105
R9202
OPEN
R9201
8.2 7W
QRZ9055-8R2
L9201
L9202
QQR1513-001
C9204
.0022
QCZ9082-222Z
C9201
.0022
QCZ9082-222Z
C9203
.0022
QCZ9082-222Z
D9201
D25XB60
C9205
.0022
QCZ9082-222Z
R9219
22k
1/2W
C9211 1
MPP 450V
QFZ0222-105
D9215
D1FL20U-X
R9239
1
1/2W
C9011
C9013
R9002
OPEN
Y9011
BW10
Y9012
BW10
C9012
OPEN
C9014
OPEN
RY9021
QSK0162-001
D9021
MA111-X
RY9201
QSK0163-001
D9202
MA111-X
CN00E1
CE41507-001P
OPEN
K9001
QRN143J-0R0X
GND2
R9021
2.2k
Q9021
2SC3928A/QR/-X
R9022
47k
GND5
R9211
470k
1/2W
R9212
470k
1/2W
非充電部 ISOLATED
Y9101
BW10
C9199
OPEN
GND5
C9198
GND3
D9205
MA3082/M/-X
R9203
680 1/2W
C9221
0.0022
NCB31HK-222X
R9213
330k
1/2W
GND3
IC9211
FA5500AN-W
R9005
R9003
R9148
R9006
OPEN
D9001
R9004
PC9001
GND2
IC9141
BA50BC0FP-X
GND2
R9214
C9212
0.01
C82
C9213
1/16
C9214
.001
CH
D9213
MA111-X
R9215
100
R9101
4.7
QRZ0216-4R7
C9101
.0047
QCZ9082-472Z
C9102
.0047
QCZ9082-472Z
D9111
S1WB/A/60-4101
C9103
.0047
QCZ9082-472Z
GND1
CP9121
QMFZ052-2R0-E
K9111
NQR0499-001X
C9111
10 /450
QEZ0709-106
C9152
open
C9150
open
GND1
T9121
QAL0425-001
L9141
NQL52EN-4R7X
C9142
330 /16
QEHR1AM-337Z
R9143
OPEN
D9141
OPEN
C9143
100 /16
QEHR1CM-107Z
GND2
C9141
470 /16
QECR1CM-477Z
R9142
0.82 1W
QRT01EJ-R82X
R9141 1 1W
QRT01EJ-1R0X
R9144
OPEN
R9145
OPEN
GND2
R9199
QRZ9046-685Z
C9197
QCZ9071-102
GND1
GND2

# POWER PWB ASS'Y (1/2)

## SFL-9031A-M2 [LT-26X776/KA]
## SFL-9130A-M2 [LT-32X776/KA]
## SFL-9029A-M2 [LT-37X776/KA]



H9211
LC32819-001B
CP9211
QMFZ043-2R0Z-J1
D9211
YG972S6R
C9219
330p 2kV
QCZ0354-331Z
K9212
QQR0621-002Z
K9211
QQR0621-002Z
D9215
R9238
22 1/2W
R9239
1
1/2W
Q9211
2SK3522-01-F1
D
G
S
R9220
*
5W
R9221
*
5W
GND3
C9216
*
450V
R9222
820k
1/8W
R9223
820k
1/8W
R9224
820k
1/8W
R9225
330k
1/2W
R9226
330k
1/2W
R9227
390k
1/2W
R9236
470k
1/2W
R9216
220k
R9217
220k
R9233
0
1/8W
D9214
MA111-X
Q9213
IMD3A-W
R9237
10K
R9228
10k
C9215
QEHR1VM-476Z
R9218
18k
0.5%
R9229
270k
0.5%
Q9215
2SD601A/QR/-X
Q9212
2SD601A/QR/-X
C9218
.01
NCB31HK-103X
GND3
D9254
D1FL20U-X
R9256
15k
C9252
0.1
R9255
220k
GND3
Q9251
UN2213-X
R9251
0
D9252
MA111-X
R9253
22k
D9251
MA3100/M/-X
R9252
OPEN
C9251
100 /50
D9253
MA111-X
R9254
47k
R9257
1k 1/2W
Q9252
UN2212-X
Q9216
UN2212-X
QEHR1HM-107Z
20V
375V
PON
GND3
18V
PFC_CTR
SHEET24
STB5V
PFC_RST2
AC
POW_GOOD
MAIN_POW
Q9153
OPEN
D9152
OPEN
R9159
OPEN
R9158
OPEN
GND2
R9151
*
R9153
*
R9152
*
R9154
*
D9151
*
R9155
*
R9157
*
Q9152
2SD601A/QR/-X
Q9151
*
C9151
*
R9156
*
GND2

* DIFFERENCE LIST

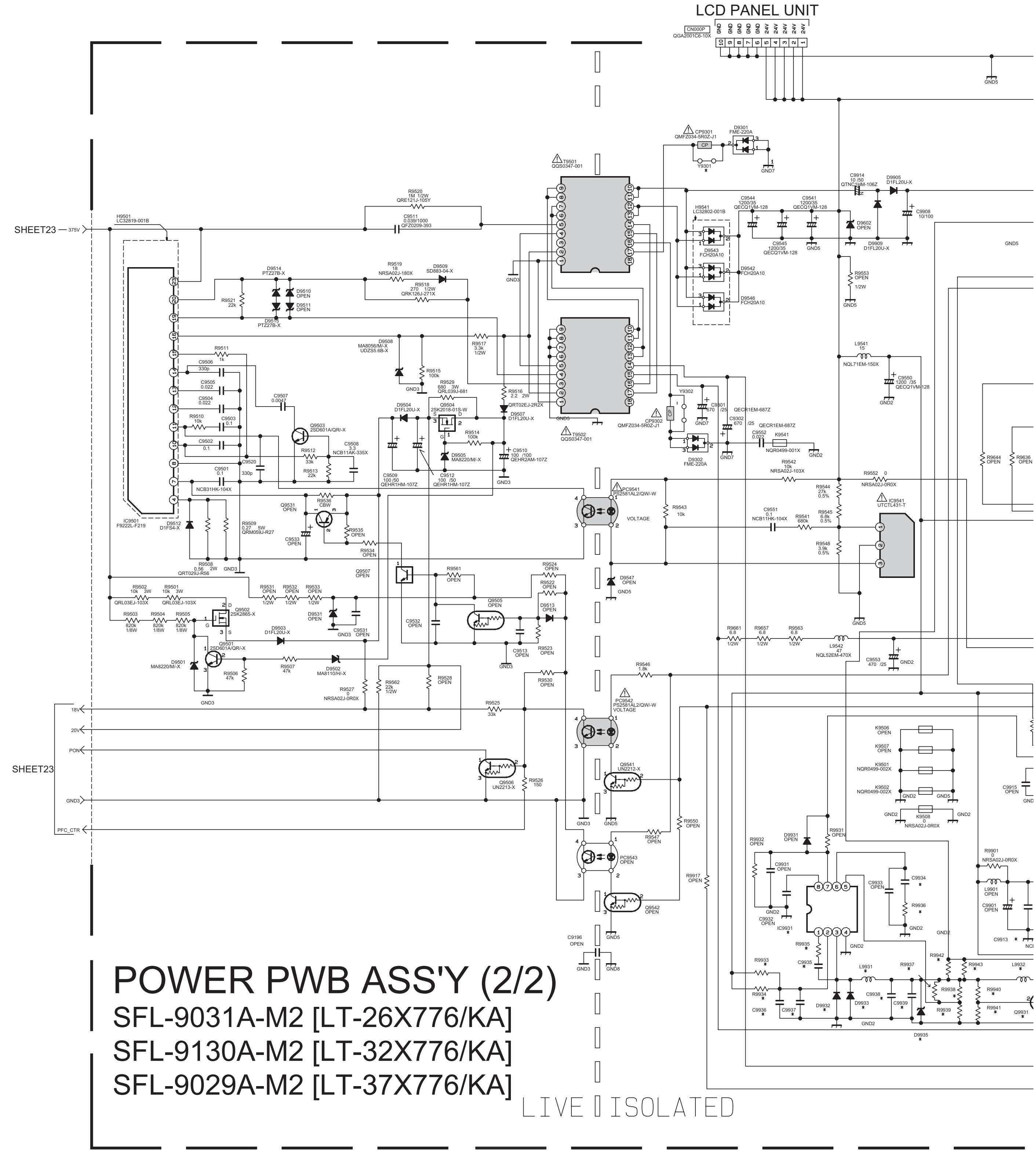
| ASS' Y NO. | LCA90463 -08* | LCA90463 -09* | LCA90463 -10* | LCA90463 -13* | LCA90463 -14* | LCA90463 -15* |
|---|---|---|---|---|---|---|
| | SFL-9024A | SFL-9025A | SFL-9026A | SFL-9029A | SFL-9030A | SFL-9031A |
| | OLLC08326 | OLLC08326-02 | OLLC08326-03 | OLLC08494 | OLLC08494-02 | OLLC08494-03 |
| C9011 | QCZ9071-102 | QCZ9071-102 | QCZ9071-102 | QCZ9071-471 | QCZ9071-471 | QCZ9071-471 |
| C9013 | QCZ9071-102 | QCZ9071-102 | QCZ9071-102 | QCZ9071-471 | QCZ9071-471 | QCZ9071-471 |
| C9198 | QCZ9071-102 | QCZ9071-102 | QCZ9071-102 | QCZ9071-471 | QCZ9071-471 | QCZ9071-471 |
| L9201 | QQR1468-001 | QQR1468-001 | QQR1468-001 | QQR1662-001 | QQR1662-001 | QQR1662-001 |
| R9214 | 10K | 10K | 10K | 10K | 10K | 10K |
| R9220 | QRM059J-R27 | QRM059J-R27 | QRM059J-R27 | QRM059J-R22 | QRM059J-R22 | QRM059J-R22 |
| R9221 | QRM059J-R15 | QRM059J-R15 | QRM059J-R15 | QRM059J-R22 | QRM059J-R22 | QRM059J-R22 |
| D9001 | MA8047-X | MA8047-X | MA8047-X | MA8047-X | MA8047-X | MA8047-X |
| D9151 | MA8024-X | MA8024-X | MA8024-X | MA8024-X | MA8024-X | MA8024-X |
| C9151 | QEHR1HM-226Z | QEHR1HM-226Z | QEHR1HM-226Z | QEHR1HM-226Z | QEHR1HM-226Z | QEHR1HM-226Z |
| PC9001 | PS2581AL2/QW/-W | PS2581AL2/QW/-W | PS2581AL2/QW/-W | PS2581AL2/QW/-W | PS2581AL2/QW/-W | PS2581AL2/QW/-W |
| Q9151 | 2SA1530A/QR/-X | 2SA1530A/QR/-X | 2SA1530A/QR/-X | 2SA1530A/QR/-X | 2SA1530A/QR/-X | 2SA1530A/QR/-X |
| R9003 | NRS12BJ-223W | NRS12BJ-223W | NRS12BJ-223W | NRS12BJ-223W | NRS12BJ-223W | NRS12BJ-223W |
| R9004 | NRS12BJ-333W | NRS12BJ-333W | NRS12BJ-333W | NRS12BJ-333W | NRS12BJ-333W | NRS12BJ-333W |
| R9005 | NRS12BJ-333W | NRS12BJ-333W | NRS12BJ-333W | NRS12BJ-333W | NRS12BJ-333W | NRS12BJ-333W |
| R9148 | 18k | 18k | 18k | 18k | 18k | 18k |
| R9151 | 33k | 33k | 33k | 33k | 33k | 33k |
| R9153 | 100k | 100k | 100k | 100k | 100k | 100k |
| R9154 | 6.8k | 6.8k | 6.8k | 6.8k | 6.8k | 6.8k |
| R9155 | 47 | 47 | 47 | 47 | 47 | 47 |
| R9156 | 3.3k | 3.3k | 3.3k | 3.3k | 3.3k | 3.3k |
| R9157 | 8.2k | 8.2k | 8.2k | 8.2k | 8.2k | 8.2k |
| LF9002 | QQR1467 -001 | QQR1467 -001 | QQR1467 -001 | QQR1514 -001 | QQR1514 -001 | QQR1514 -001 |
| C9216 | QEZ0739 -337 | QEZ0650 -227 | QEZ0650 -227 | QEZ0739 -337 | QEZ0650 -227 | QEZ0650 -227 |

* DIFFERENCE LIST

| ASS' Y NO. | LCA90463 -03* SFL-9023A | LCA90463 -06* SFL-9028A |
|---|---|---|
| | OLLC08314 | OLLC08378 |
| C9011 | QCZ9071-102 | QCZ9071-102 |
| C9013 | QCZ9071-102 | QCZ9071-102 |
| C9198 | QCZ9071-102 | QCZ9071-102 |
| L9201 | QQR1662-001 | QQR1662-001 |
| R9214 | 9.1K | 9.1K |
| R9220 | QRM059J-R22 | QRM059J-R22 |
| R9221 | QRM059J-R22 | QRM059J-R22 |
| D9001 | OPEN | OPEN |
| D9151 | OPEN | OPEN |
| C9151 | OPEN | OPEN |
| PC9001 | OPEN | OPEN |
| Q9151 | OPEN | OPEN |
| R9003 | OPEN | OPEN |
| R9004 | OPEN | OPEN |
| R9005 | OPEN | OPEN |
| R9148 | OPEN | OPEN |
| R9151 | OPEN | OPEN |
| R9153 | OPEN | OPEN |
| R9154 | OPEN | OPEN |
| R9155 | OPEN | OPEN |
| R9156 | OPEN | OPEN |
| R9157 | OPEN | OPEN |
| LF9002 | QQR1467 -001 | QQR1467 -001 |
| C9216 | QEZ0650 -227 | QEZ0650 -227 |

c10365001a001_0509_1/2_1.0

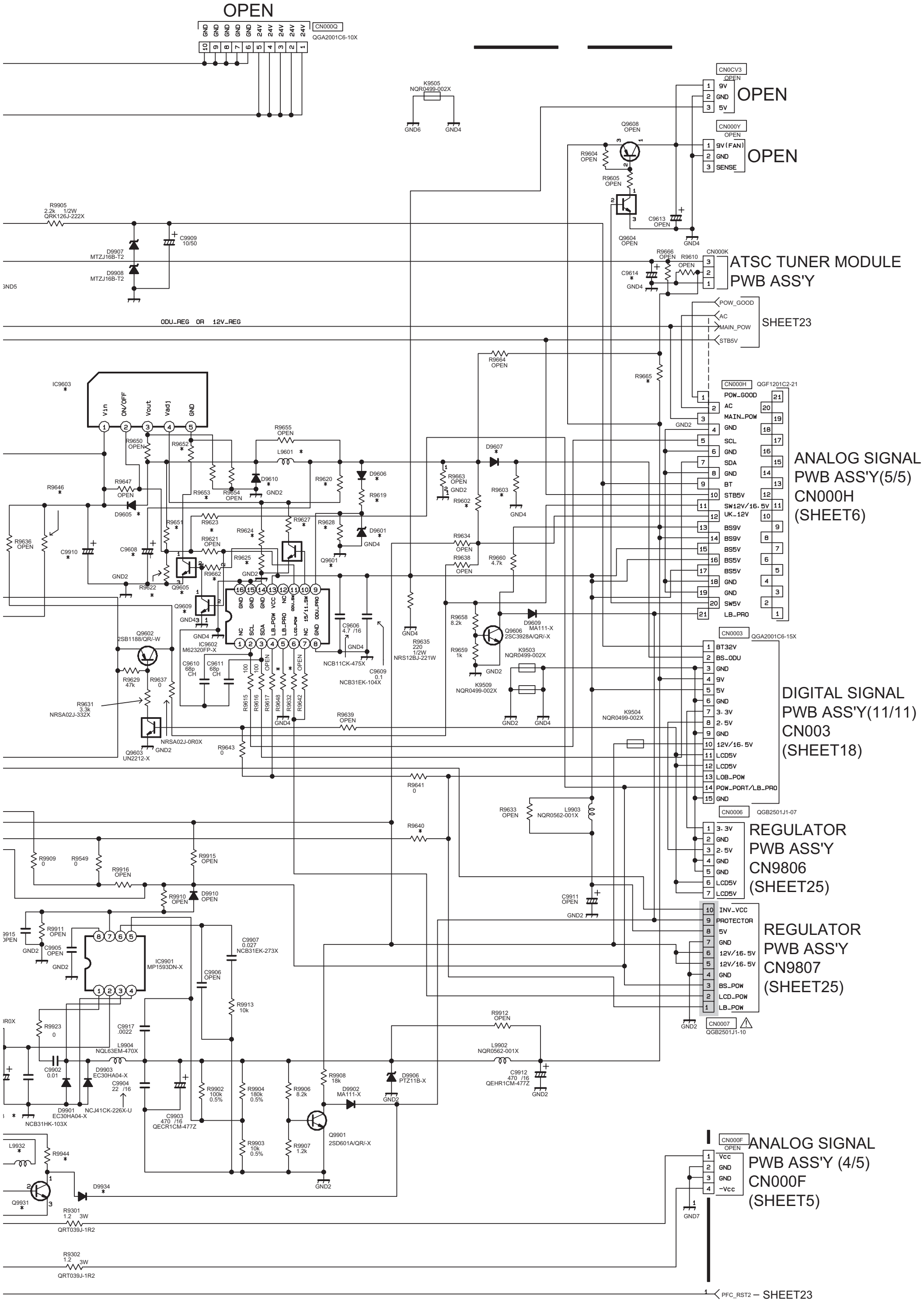
# POWER PWB CIRCUIT DIAGRAM (2/2) SHEET 24



LCD PANEL UNIT
CN000P
QGA2001C6-10X
GND GND GND GND GND 24V 24V 24V 24V 24V
SHEET23
375V
H9501
LC32819-001B
T9501
QQS0347-001
T9502
QQS0347-001
R9520
1M 1/2W
QRE121J-105Y
C9511
0.039/1000
QFZ0209-393
CP9301
QMFZ034-5R0Z-J1
D9301
FME-220A
Y9301
GND7
H9541
LC32802-001B
C9544
1200/35
QECQ1VM-128
C9541
1200/35
QECQ1VM-128
C9545
1200/35
QECQ1VM-128
D9543
FCH20A10
D9542
FCH20A10
D9546
FCH20A10
C9914
10 /50
QTNC1VM-106Z
D9905
D1FL20U-X
D9602
OPEN
C9908
10/100
D9909
D1FL20U-X
R9553
OPEN
1/2W
GND5
D9514
PTZ27B-X
D9515
PTZ27B-X
D9510
OPEN
D9511
OPEN
R9521
22k
R9519
18
NRSA02J-180X
D9509
SD883-04-X
R9518
270 1/2W
QRK126J-271X
GND3
D9508
MA8056/M/-X
UDZS5.6B-X
R9517
3.3k
1/2W
R9515
100k
R9529
680 3W
QRL039J-681
R9516
2.2 2W
QRT02EJ-2R2X
D9507
D1FL20U-X
R9511
1k
C9506
330p
C9505
0.022
C9504
0.022
C9507
0.0047
R9510
10k
C9503
0.1
C9502
0.1
Q9503
2SD601A/QR/-X
R9512
33k
R9513
22k
C9508
3.3
NCB11AK-335X
C9501
0.1
C9520
330p
NCB31HK-104X
D9504
D1FL20U-X
Q9504
2SK2018-01S-W
R9514
100k
D9505
MA8220/M/-X
C9510
100 /100
QEHR2AM-107Z
C9509
100 /50
QEHR1HM-107Z
C9512
100 /50
QEHR1HM-107Z
Y9302
CP9302
QMFZ034-5R0Z-J1
C9301
670 /25
QECR1EM-687Z
C9302
670 /25
QECR1EM-687Z
D9302
FME-220A
C9552
0.022
K9541
NQR0499-001X
R9542
10k
NRSA02J-103X
L9541
15
NQL71EM-150X
C9550
1200 /35
QECQ1VM-128
GND2
R9552 0
NRSA02J-0R0X
R9644
OPEN
R9636
OPEN
IC9501
F9222L-F219
D9512
D1FS4-X
R9509
0.27 5W
QRM059J-R27
Q9531
OPEN
R9536
CBW
C9533
OPEN
R9535
OPEN
R9534
OPEN
R9508
0.56 2W
QRT029J-R56
PC9541
PS2581AL2/QW/-W
VOLTAGE
R9543
10k
R9544
27k
0.5%
R9545
6.8k
0.5%
R9548
3.9k
0.5%
C9551
0.1
NCB11HK-104X
R9541
680k
IC9541
UTCTL431-T
Q9507
OPEN
R9561
OPEN
R9524
OPEN
R9522
OPEN
R9502
10k 3W
QRL03EJ-103X
R9501
10k 3W
QRL03EJ-103X
R9531
OPEN
1/2W
R9532
OPEN
1/2W
R9533
OPEN
1/2W
R9503
820k
1/8W
R9504
820k
1/8W
R9505
820k
1/8W
Q9502
2SK2865-X
D9531
OPEN
C9531
OPEN
Q9505
OPEN
D9513
OPEN
C9532
OPEN
D9547
OPEN
R9661
6.8
1/2W
R9657
6.8
1/2W
R9563
6.8
1/2W
L9542
47
NQL52EM-470X
C9553
470 /25
D9501
MA8220/M/-X
Q9501
2SD601A/QR/-X
D9503
D1FL20U-X
R9506
47k
R9507
47k
D9502
MA8110/H/-X
C9513
OPEN
R9523
OPEN
R9546
1.8k
R9530
OPEN
R9527
0
NRSA02J-0R0X
R9562
22k
1/2W
R9528
OPEN
18V
20V
PON
GND3
PFC_CTR
R9525
33k
PC9542
PS2581AL2/QW/-W
VOLTAGE
Q9506
UN2213-X
R9526
150
Q9541
UN2212-X
K9506
OPEN
K9507
OPEN
K9501
NQR0499-002X
K9502
NQR0499-002X
K9508
0
NRSA02J-0R0X
C9915
OPEN
R9550
OPEN
R9547
OPEN
PC9543
OPEN
Q9542
OPEN
R9917
OPEN
R9932
OPEN
D9931
OPEN
R9931
OPEN
C9931
OPEN
C9933
OPEN
C9934
R9936
C9932
OPEN
IC9931
R9935
C9935
R9933
L9931
R9937
R9942
R9943
L9932
R9934
C9936
C9937
D9932
D9933
C9938
C9939
R9938
R9939
R9940
R9941
Q9931
D9935
R9901
0
NRSA02J-0R0X
L9901
OPEN
C9901
OPEN
C9913
C9196
OPEN
GND8
LIVE ISOLATED

## POWER PWB ASS'Y (2/2)

SFL-9031A-M2 [LT-26X776/KA]  
SFL-9130A-M2 [LT-32X776/KA]  
SFL-9029A-M2 [LT-37X776/KA]



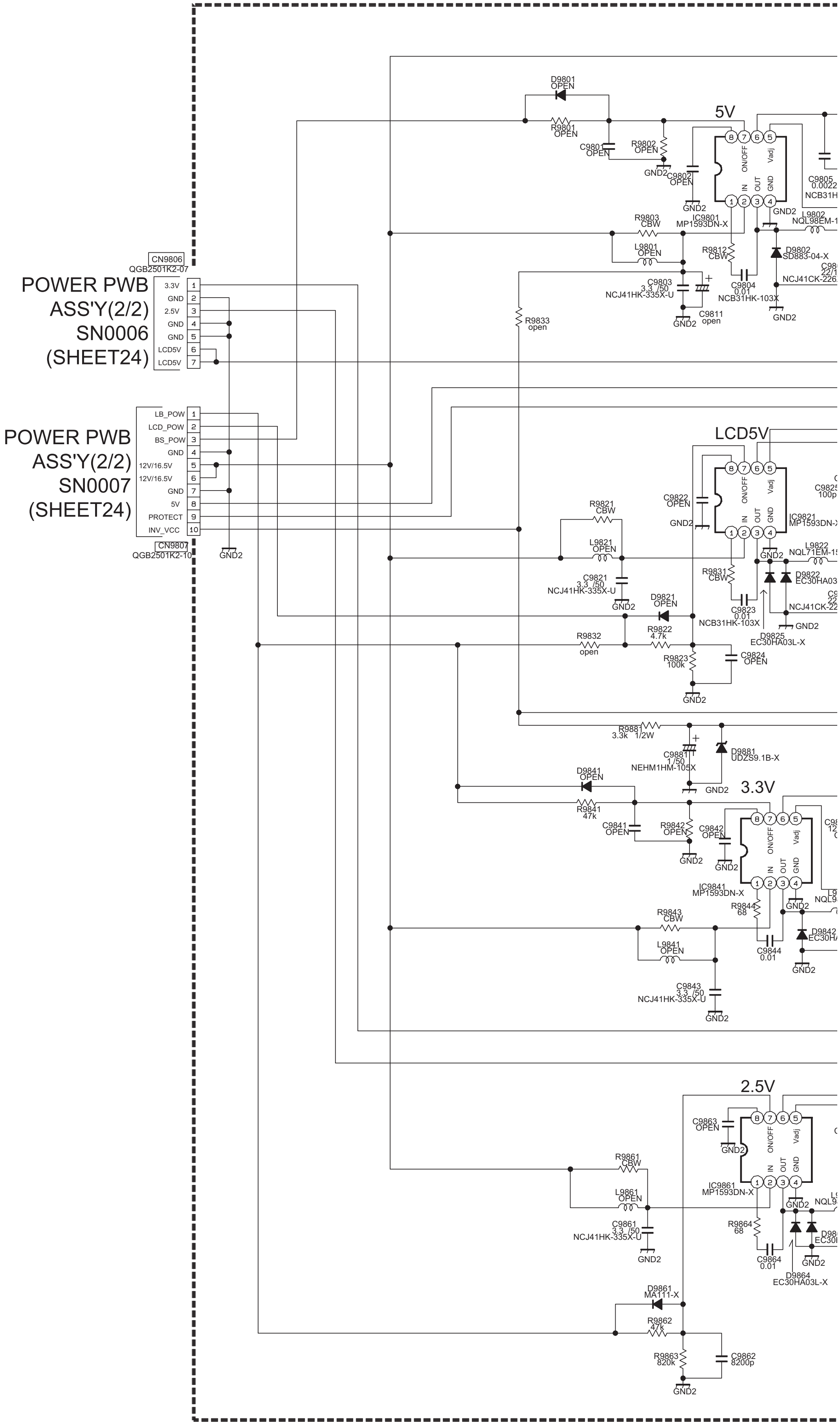
OPEN
CN000Q
QGA2001C6-10X
GND
24V
K9505
NQR0499-002X
GND6
GND4
CN0CV3
OPEN
9V
GND
5V
OPEN
Q9608
OPEN
CN000Y
OPEN
9V(FAN)
GND
SENSE
OPEN
R9604
OPEN
R9605
OPEN
C9613
OPEN
Q9604
OPEN
R9666
OPEN
R9610
OPEN
CN000K
C9614
ATSC TUNER MODULE
PWB ASS'Y
POW_GOOD
AC
MAIN_POW
STB5V
SHEET23
R9905
2.2k 1/2W
QRK126J-222X
C9909
10/50
D9907
MTZJ16B-T2
D9908
MTZJ16B-T2
ODU_REG OR 12V_REG
R9664
OPEN
R9665
IC9603
Vin
ON/OFF
Vout
Vadj
GND
CN000H
QGF1201C2-21
POW_GOOD
AC
MAIN_POW
GND
SCL
GND
SDA
GND
BT
STB5V
SW12V/16.5V
UK_12V
BS9V
BS9V
BS5V
BS5V
BS5V
GND
GND
SW5V
LB_PRO
ANALOG SIGNAL
PWB ASS'Y(5/5)
CN000H
(SHEET6)
R9655
OPEN
L9601
R9650
OPEN
R9652
R9647
OPEN
D9605
R9646
R9636
OPEN
C9910
C9608
R9653
R9654
OPEN
D9610
R9620
D9606
R9619
D9601
R9663
OPEN
D9607
R9603
R9602
R9634
OPEN
R9638
OPEN
R9660
4.7k
R9651
R9623
R9621
OPEN
R9624
R9625
R9627
R9628
Q9601
R9622
R9662
Q9605
Q9609
IC9602
M62320FP-X
Q9602
2SB1188/QR/-W
R9629
47k
R9637
0
R9631
3.3k
NRSA02J-332X
Q9603
UN2212-X
NRSA02J-0R0X
C9610
68p
CH
C9611
68p
CH
R9615
R9616
R9617
R9648
R9632
R9642
C9606
4.7 /16
NCB11CK-475X
C9609
0.1
NCB31EK-104X
R9635
220
1/2W
NRS12BJ-221W
R9658
8.2k
R9659
1k
Q9606
2SC3928A/QR/-X
D9609
MA111-X
K9503
NQR0499-002X
K9509
NQR0499-002X
R9639
OPEN
R9643
0
CN003
QGA2001C6-15X
BT32V
BS_ODU
GND
9V
5V
GND
3.3V
2.5V
GND
12V/16.5V
LCD5V
LCD5V
LCD_POW
POW_PORT/LB_PRO
GND
K9504
NQR0499-002X
DIGITAL SIGNAL
PWB ASS'Y(11/11)
CN003
(SHEET18)
R9641
0
R9640
R9633
OPEN
L9903
NQR0562-001X
CN0006
QGB2501J1-07
3.3V
GND
2.5V
GND
GND
LCD5V
LCD5V
REGULATOR
PWB ASS'Y
CN9806
(SHEET25)
R9909
0
R9549
0
R9916
OPEN
R9915
OPEN
R9910
OPEN
D9910
OPEN
C9911
OPEN
INV_VCC
PROTECTOR
5V
GND
12V/16.5V
12V/16.5V
GND
BS_POW
LCD_POW
LB_POW
CN0007
QGB2501J1-10
REGULATOR
PWB ASS'Y
CN9807
(SHEET25)
R9911
OPEN
C9905
OPEN
IC9901
MP1593DN-X
C9907
0.027
NCB31EK-273X
C9906
OPEN
R9913
10k
R9923
0
C9917
.0022
L9904
NQL63EM-470X
C9902
0.01
D9903
EC30HA04-X
C9904
22 /16
NCJ41CK-226X-U
D9901
EC30HA04-X
NCB31HK-103X
C9903
470 /16
QECR1CM-477Z
R9902
100k
0.5%
R9904
180k
0.5%
R9903
10k
0.5%
R9906
8.2k
R9907
1.2k
R9908
18k
D9902
MA111-X
Q9901
2SD601A/QR/-X
D9906
PTZ11B-X
R9912
OPEN
L9902
NQR0562-001X
C9912
470 /16
QEHR1CM-477Z
L9932
R9944
Q9931
D9934
R9301
1.2 3W
QRT039J-1R2
R9302
1.2 3W
QRT039J-1R2
CN000F
OPEN
Vcc
GND
GND
-Vcc
GND7
ANALOG SIGNAL
PWB ASS'Y (4/5)
CN000F
(SHEET5)
PFC_RST2
SHEET23

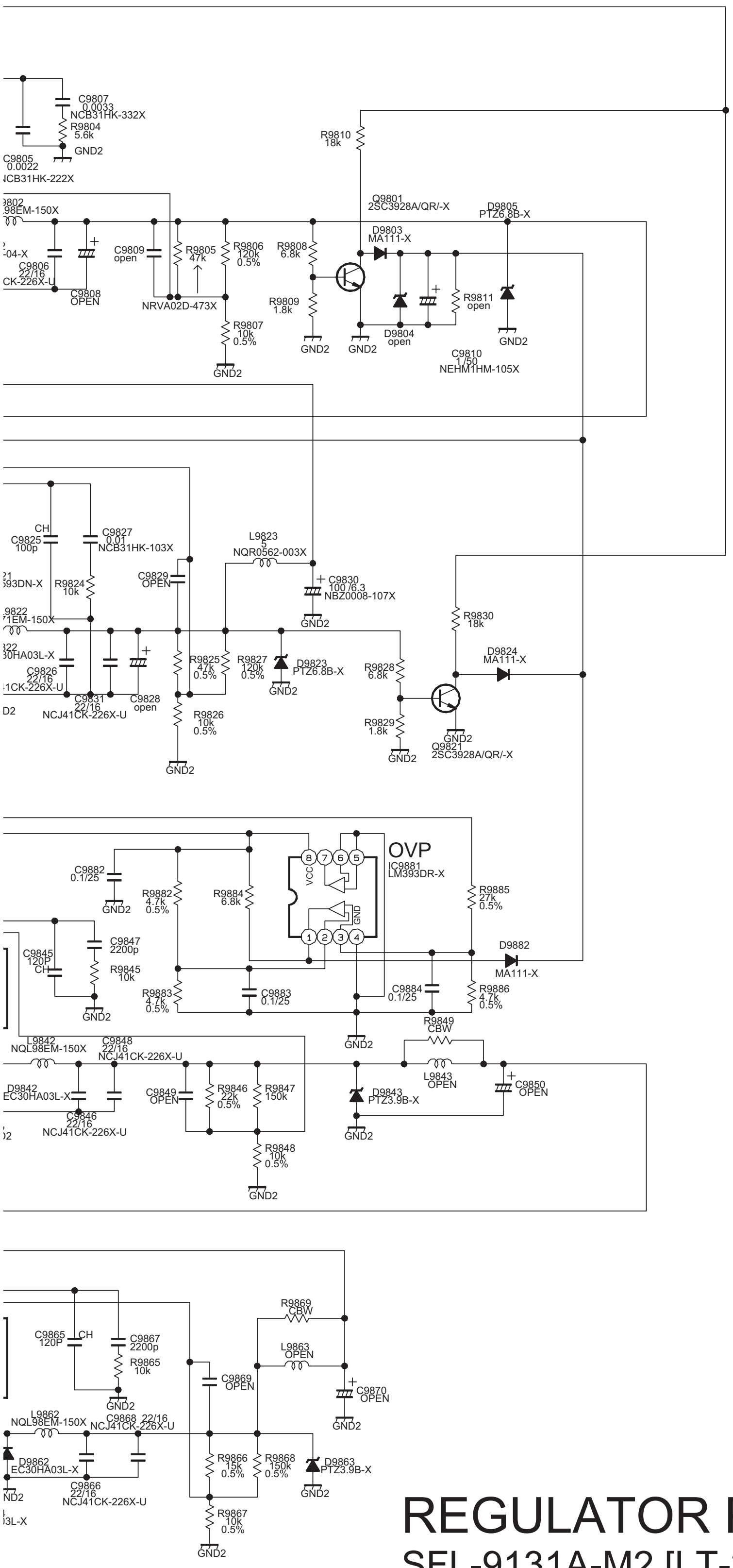
## * DIFFERENCE LIST

| ASS' Y NO. | LCA90463 -08A | LCA90463 -09A | LCA90463 -10A | LCA90463 -13*, 14*, 15* | LCA90463 -03A | LCA90463 -06A |
|---|---|---|---|---|---|---|
| | SFL-9024A | SFL-9025A | SFL-9026A | SFL-9029A<br>-9030A , 9031A | SFL-9023A | SFL-9028A |
| | OLLC08326 | OLLC08326-02 | OLLC08326-03 | OLLC08494<br>OLLC08494-02<br>OLLC08494-03 | OLLC08314 | OLLC08378 |
| C9608 | QEHR1EM-107Z | QEHR1EM-107Z | QEHR1EM-107Z | OPEN | QEHR1EM-107Z | OPEN |
| C9910 | QEHR1HM-476Z | QEHR1HM-476Z | QEHR1HM-476Z | OPEN | QEHR1HM-476Z | OPEN |
| C9934 | OPEN | OPEN | OPEN | NCB31EK-273X | OPEN | OPEN |
| C9935 | OPEN | OPEN | OPEN | NCB31HK-103X | OPEN | OPEN |
| C9936 | OPEN | OPEN | OPEN | NCJ41HK-335X-U | OPEN | OPEN |
| C9937 | OPEN | OPEN | OPEN | NCJ41HK-335X-U | OPEN | OPEN |
| C9938 | OPEN | OPEN | OPEN | NCJ41EK-106X-U | OPEN | OPEN |
| C9939 | OPEN | OPEN | OPEN | NCJ41EK-106X-U | OPEN | OPEN |
| D9601 | MA8051/M/-X | MA8051/M/-X | MA8051/M/-X | OPEN | OPEN | OPEN |
| D9605 | D1FS4-X | D1FS4-X | D1FS4-X | OPEN | OPEN | OPEN |
| D9606 | MA111-X | MA111-X | MA111-X | OPEN | OPEN | OPEN |
| D9607 | D1FS4-X | D1FS4-X | D1FS4-X | OPEN | OPEN | OPEN |
| D9610 | EC30HA04-X | EC30HA04-X | EC30HA04-X | OPEN | EC30HA04-X | OPEN |
| D9932 | OPEN | OPEN | OPEN | EC30HA04-X | OPEN | OPEN |
| D9933 | OPEN | OPEN | OPEN | EC30HA04-X | OPEN | OPEN |
| D9934 | OPEN | OPEN | OPEN | MA111-X | OPEN | OPEN |
| D9935 | OPEN | OPEN | OPEN | PTZ16B-X | OPEN | OPEN |
| IC9603 | PQ1CZ38M2Z-X | PQ1CZ38M2Z-X | PQ1CZ38M2Z-X | OPEN | PQ1CZ38M2Z-X | OPEN |
| IC9931 | OPEN | OPEN | OPEN | MP1593DN-X | OPEN | OPEN |
| L9601 | NQL98EM-101X | NQL98EM-101X | NQL98EM-101X | OPEN | NQL98EM-101X | OPEN |
| L9931 | OPEN | OPEN | OPEN | NQL71EM-470X | OPEN | OPEN |
| L9932 | OPEN | OPEN | OPEN | NQR0562-001X | OPEN | OPEN |
| Q9601 | UN2213-X | UN2213-X | UN2213-X | OPEN | OPEN | OPEN |
| Q9605 | UN2213-X | UN2213-X | UN2213-X | OPEN | OPEN | OPEN |
| Q9609 | UN2213-X | UN2213-X | UN2213-X | OPEN | OPEN | OPEN |
| Q9931 | OPEN | OPEN | OPEN | 2SC3928A/QR/-X | OPEN | OPEN |
| R9602 | OPEN | OPEN | OPEN | OPEN | NRSA02J-0R0X | OPEN |
| R9603 | OPEN | OPEN | OPEN | 10K | OPEN | OPEN |
| R9619 | 12K | 12K | 12K | OPEN | OPEN | OPEN |
| R9620 | NRSA63D-153X | NRSA63D-153X | NRSA63D-153X | OPEN | NRSA63D-183X | NRSA63D-183X |
| R9624 | NRSA63D-331X | NRSA63D-331X | NRSA63D-331X | OPEN | 270 | OPEN |
| R9625 | NRSA63D-152X | NRSA63D-152X | NRSA63D-152X | OPEN | NRSA63D-182X | OPEN |
| R9627 | NRSA63D-472X | NRSA63D-472X | NRSA63D-472X | OPEN | OPEN | OPEN |
| R9628 | 10K | 10K | 10K | OPEN | OPEN | OPEN |
| R9632 | 100 | 100 | 100 | 100 | 0 | 0 |
| R9640 | OPEN | OPEN | OPEN | OPEN | OPEN | 0 |
| R9646 | NRSA02J-0R0X | NRSA02J-0R0X | NRSA02J-0R0X | OPEN | NRSA02J-0R0X | OPEN |
| R9651 | NRSA02J-0R0X | NRSA02J-0R0X | NRSA02J-0R0X | OPEN | NRSA02J-0R0X | OPEN |
| R9652 | NRSA02J-0R0X | NRSA02J-0R0X | NRSA02J-0R0X | OPEN | OPEN | OPEN |
| R9653 | NRSA02J-0R0X | NRSA02J-0R0X | NRSA02J-0R0X | OPEN | NRSA02J-0R0X | OPEN |
| R9662 | 10K | 10K | 10K | OPEN | OPEN | OPEN |
| R9665 | OPEN | OPEN | OPEN | NRSA02J-0R0X | OPEN | OPEN |
| R9933 | OPEN | OPEN | OPEN | NRSA02J-0R0X | OPEN | OPEN |
| R9934 | OPEN | OPEN | OPEN | NRSA02J-0R0X | OPEN | OPEN |
| R9935 | OPEN | OPEN | OPEN | 0 | OPEN | OPEN |
| R9936 | OPEN | OPEN | OPEN | 10K | OPEN | OPEN |
| R9937 | OPEN | OPEN | OPEN | NRSA63D-224X | OPEN | OPEN |
| R9938 | OPEN | OPEN | OPEN | NRSA63D-184X | OPEN | OPEN |
| R9939 | OPEN | OPEN | OPEN | NRSA63D-103X | OPEN | OPEN |
| R9940 | OPEN | OPEN | OPEN | 15K | OPEN | OPEN |
| R9941 | OPEN | OPEN | OPEN | 1.2K | OPEN | OPEN |
| R9942 | OPEN | OPEN | OPEN | NRSA02J-0R0X | OPEN | OPEN |
| R9943 | OPEN | OPEN | OPEN | NRSA02J-0R0X | OPEN | OPEN |
| R9944 | OPEN | OPEN | OPEN | 18K | OPEN | OPEN |
| R9648 | 1k | 1k | 1k | open | 1k | 1k |
| R9622 | OPEN | OPEN | OPEN | 0 | OPEN | OPEN |
| R9623 | OPEN | OPEN | OPEN | 0 | OPEN | OPEN |
| C9614 | OPEN | OPEN | OPEN | NBZ0017-106X | OPEN | OPEN |

c10365001a002_0509_2/2_1.0

## REGULATOR PWB CIRCUIT DIAGRAM SHEET 25


POWER PWB
ASS'Y(2/2)
SN0006
(SHEET24)
CN9806
QGB2501K2-07
3.3V 1
GND 2
2.5V 3
GND 4
GND 5
LCD5V 6
LCD5V 7
POWER PWB
ASS'Y(2/2)
SN0007
(SHEET24)
LB_POW 1
LCD_POW 2
BS_POW 3
GND 4
12V/16.5V 5
12V/16.5V 6
GND 7
5V 8
PROTECT 9
INV_VCC 10
CN9807
QGB2501K2-10
GND2
5V
D9801
OPEN
R9801
OPEN
C9801
OPEN
R9802
OPEN
GND2
C9802
OPEN
GND2
ON/OFF
Vadj
IN
OUT
GND
IC9801
MP1593DN-X
GND2
C9805
0.0022
NCB31H
L9802
NQL98EM-1
D9802
SD883-04-X
NCJ41CK-226
R9803
CBW
L9801
OPEN
R9812
CBW
C9803
3.3 /50
NCJ41HK-335X-U
C9804
0.01
NCB31HK-103X
C9811
open
GND2
R9833
open
LCD5V
C9822
OPEN
GND2
C9825
100p
IC9821
MP1593DN-X
R9821
CBW
L9821
OPEN
L9822
NQL71EM-1
C9821
3.3 /50
NCJ41HK-335X-U
GND2
R9831
CBW
D9822
EC30HA03
C9823
0.01
NCB31HK-103X
NCJ41CK-22
D9821
OPEN
D9825
EC30HA03L-X
GND2
R9832
open
R9822
4.7k
R9823
100k
C9824
OPEN
GND2
R9881
3.3k 1/2W
C9881
1 /50
NEHM1HM-105X
D9881
UDZS9.1B-X
GND2
3.3V
D9841
OPEN
R9841
47k
C9841
OPEN
R9842
OPEN
C9842
OPEN
GND2
GND2
IC9841
MP1593DN-X
R9844
68
GND2
NQL9
D9842
EC30HA
R9843
CBW
L9841
OPEN
C9844
0.01
GND2
C9843
3.3 /50
NCJ41HK-335X-U
GND2
2.5V
C9863
OPEN
GND2
R9861
CBW
L9861
OPEN
IC9861
MP1593DN-X
GND2
NQL9
C9861
3.3 /50
NCJ41HK-335X-U
GND2
R9864
68
C9864
0.01
D9864
EC30HA03L-X
EC30
GND2
D9861
MA111-X
R9862
47k
R9863
820k
C9862
8200p
GND2



C9807
0.0033
NCB31HK-332X
R9804
5.6k
GND2
C9805
0.0022
NCB31HK-222X
R9810
18k
Q9801
2SC3928A/QR/-X
D9805
PTZ6.8B-X
98EM-150X
C9806
22/16
CK-226X-U
C9808
OPEN
C9809
open
R9805
47k
R9806
120k
0.5%
R9808
6.8k
D9803
MA111-X
R9811
open
R9809
1.8k
NRVA02D-473X
R9807
10k
0.5%
D9804
open
C9810
1/50
NEHM1HM-105X
GND2
CH
C9825
100p
C9827
0.01
NCB31HK-103X
L9823
5
NQR0562-003X
C9829
OPEN
C9830
100 /6.3
NBZ0008-107X
R9824
10k
393DN-X
9822
71EM-150X
30HA03L-X
C9826
22/16
1CK-226X-U
C9831
22/16
NCJ41CK-226X-U
C9828
open
R9825
47k
0.5%
R9827
120k
0.5%
D9823
PTZ6.8B-X
R9828
6.8k
R9830
18k
D9824
MA111-X
R9826
10k
0.5%
R9829
1.8k
Q9821
2SC3928A/QR/-X
OVP
IC9881
LM393DR-X
VCC
GND
C9882
0.1/25
R9882
4.7k
0.5%
R9884
6.8k
R9885
27k
0.5%
C9847
2200p
C9845
120P
CH
R9845
10k
D9882
MA111-X
R9883
4.7k
0.5%
C9883
0.1/25
C9884
0.1/25
R9886
4.7k
0.5%
R9849
CBW
L9842
NQL98EM-150X
C9848
22/16
NCJ41CK-226X-U
D9842
EC30HA03L-X
C9846
22/16
NCJ41CK-226X-U
C9849
OPEN
R9846
22k
0.5%
R9847
150k
D9843
PTZ3.9B-X
L9843
OPEN
C9850
OPEN
R9848
10k
0.5%
R9869
CBW
C9865
120P
CH
C9867
2200p
R9865
10k
L9863
OPEN
C9869
OPEN
C9870
OPEN
L9862
NQL98EM-150X
C9868 22/16
NCJ41CK-226X-U
D9862
EC30HA03L-X
C9866
22/16
NCJ41CK-226X-U
R9866
15k
0.5%
R9868
150k
0.5%
D9863
PTZ3.9B-X
R9867
10k
0.5%
3L-X

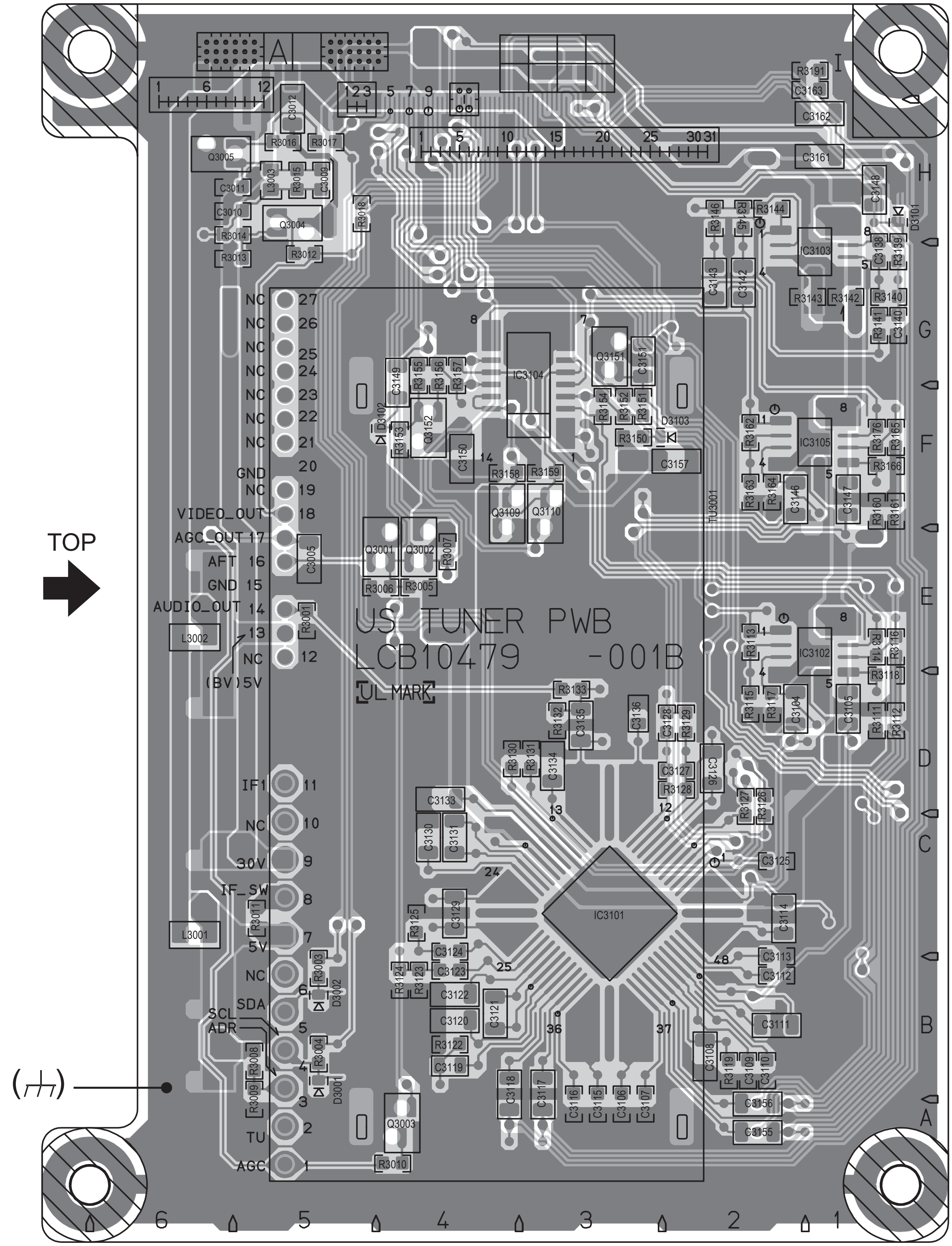
# REGULATOR PWB ASS'Y

SFL-9131A-M2 [LT-26X776/KA]
SFL-9130A-M2 [LT-32X776/KA]
SFL-9129A-M2 [LT-37X776/KA]

c20159001a001_0509_1/1_1.0

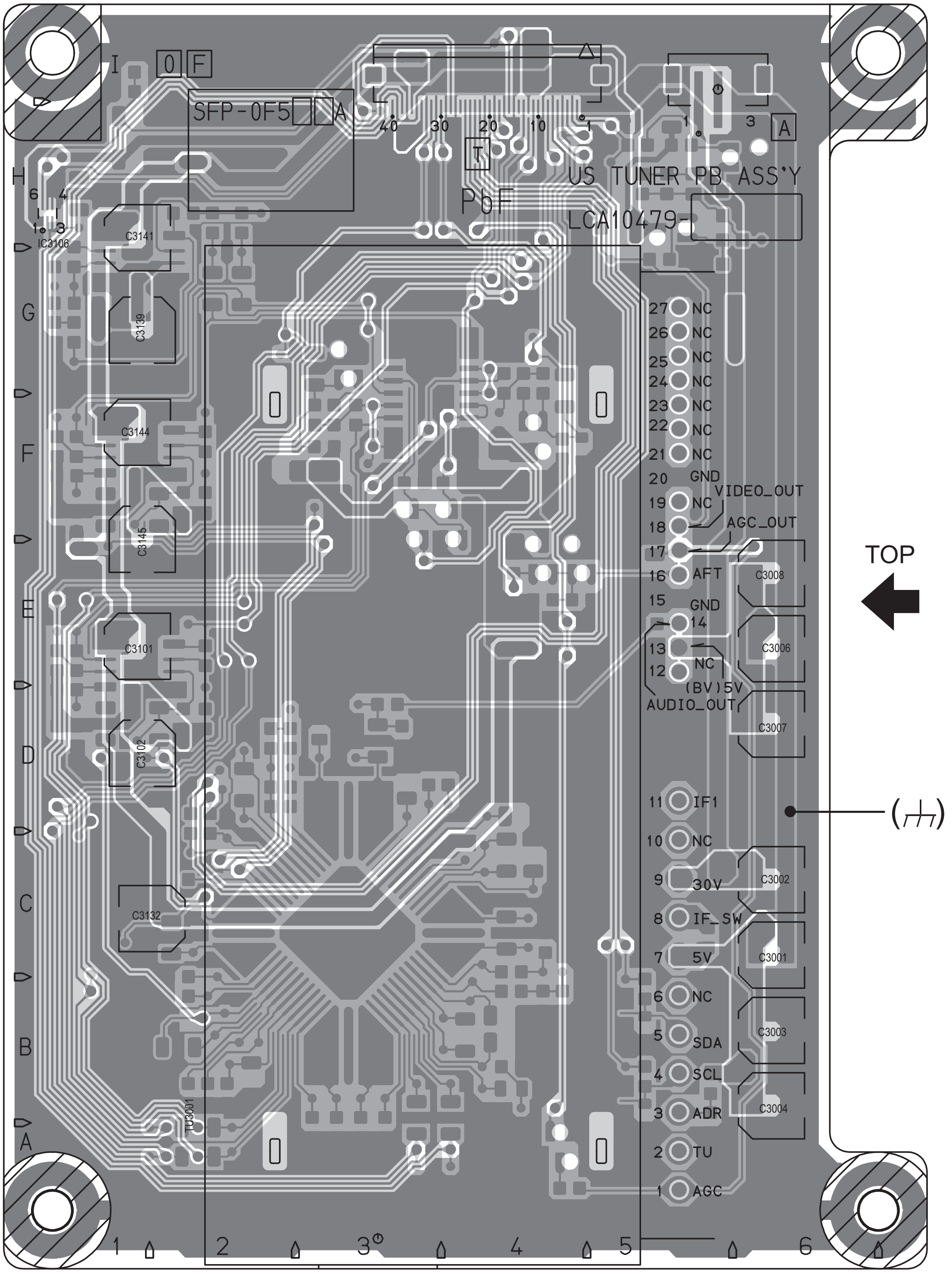
# PATTERN DIAGRAMS

*RECEIVERPWB PATTERN [SOLDER SIDE]*



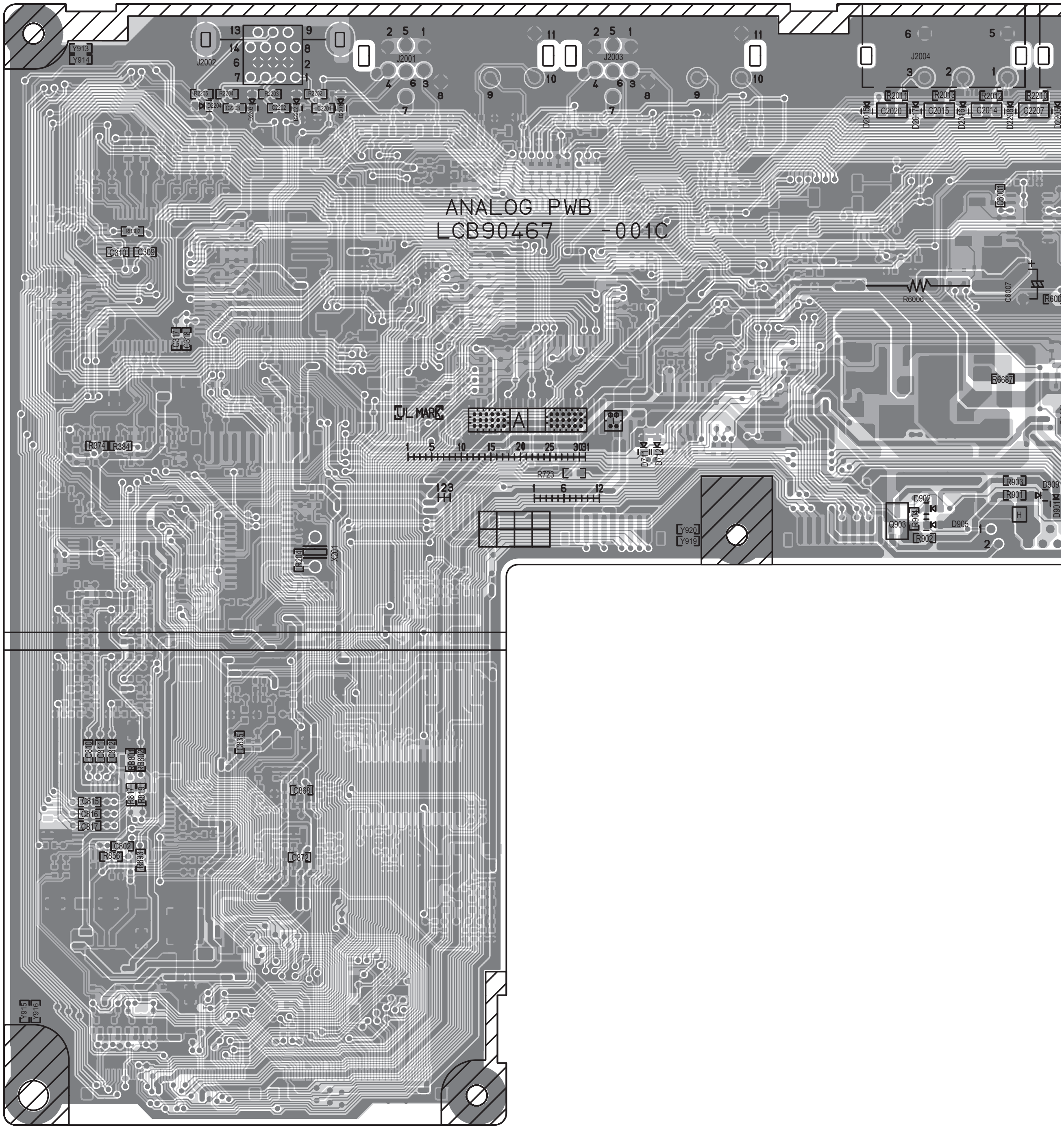
TOP
US TUNER PWB
LCB10479 -001B
UL MARK
TU3001
IC3101
IC3102
IC3103
IC3104
IC3105
Q3001
Q3002
Q3003
Q3004
Q3005
Q3109
Q3110
Q3151
Q3152
D3001
D3002
D3101
D3102
D3103
L3001
L3002
L3003
NC 27
NC 26
NC 25
NC 24
NC 23
NC 22
NC 21
GND 20
NC 19
VIDEO_OUT 18
AGC_OUT 17
AFT 16
GND 15
AUDIO_OUT 14
13
NC 12
(BV)5V
IF1 11
NC 10
30V 9
IF_SW 8
7
5V
NC
SDA 6
SCL
ADR 5
4
3
TU 2
AGC 1
1 6 12
1 2 3 5 7 9
1 5 10 15 20 25 30 31
A
I
H
G
F
E
D
C
B
A
6
5
4
3
2
1
R3191
C3163
C3162
C3161
C3148
C3012
R3016
R3017
C3011
C3010
C3009
R3015
R3014
R3013
R3012
R3018
R3146
R3145
R3144
C3143
C3142
C3138
R3139
R3143
R3142
R3140
R3141
C3140
C3149
R3155
R3156
R3157
R3153
C3150
R3158
R3159
R3154
R3152
R3151
R3150
C3151
C3157
R3162
R3163
R3164
C3146
C3147
R3176
R3165
R3166
R3160
R3161
C3005
R3007
R3006
R3005
R3001
R3113
R3115
R3117
C3104
C3105
R3114
R3116
R3118
R3111
R3112
R3133
R3132
C3135
C3136
C3128
R3129
R3130
R3131
C3134
C3127
R3128
C3126
R3127
R3126
C3133
C3130
C3131
C3125
R3125
C3129
C3114
C3124
C3123
R3124
R3123
C3122
C3120
C3121
C3113
C3112
C3111
R3122
C3119
C3118
C3117
C3116
C3115
C3106
C3107
C3108
R3119
C3109
C3110
C3156
C3155
R3011
R3003
R3004
R3008
R3009
R3010
8
7
14
1
4
5
13
12
24
25
36
37
48

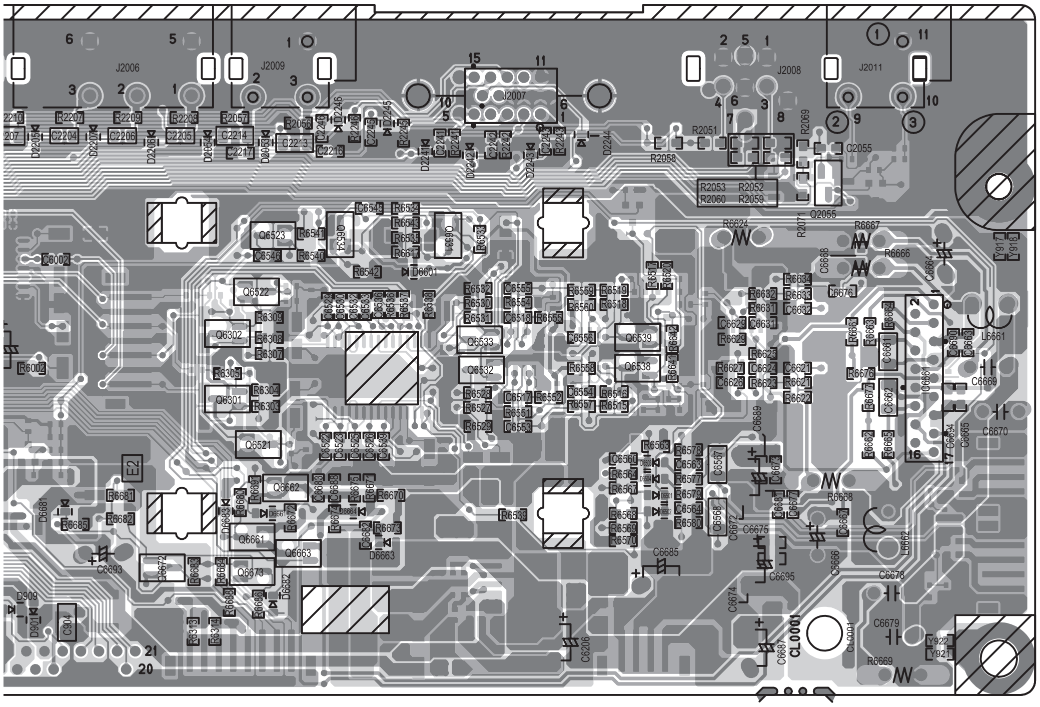
*RECEIVER PWB PATTERN [PARTS SIDE]*



I
0
F
SFP-0F5
A
40
30
20
10
1
T
PbF
US TUNER PB ASS'Y
LCA10479-
1
3
A
H
6
4
1
3
IC3106
C3141
G
C3139
F
C3144
C3145
E
C3101
D
C3102
C
C3132
B
A
TU3001
27 NC
26 NC
25 NC
24 NC
23 NC
22 NC
21 NC
20 GND
19 NC
VIDEO_OUT
18
AGC_OUT
17
16 AFT
15 GND
14
13
12 NC
(BV)5V
AUDIO_OUT
C3008
C3006
C3007
TOP
11 IF1
10 NC
9 30V
8 IF_SW
7 5V
6 NC
5 SDA
4 SCL
3 ADR
2 TU
1 AGC
C3002
C3001
C3003
C3004
1
2
3
4
5
6

## *ANALOG SIGNAL PWB PATTERN [SOLDER SIDE]*

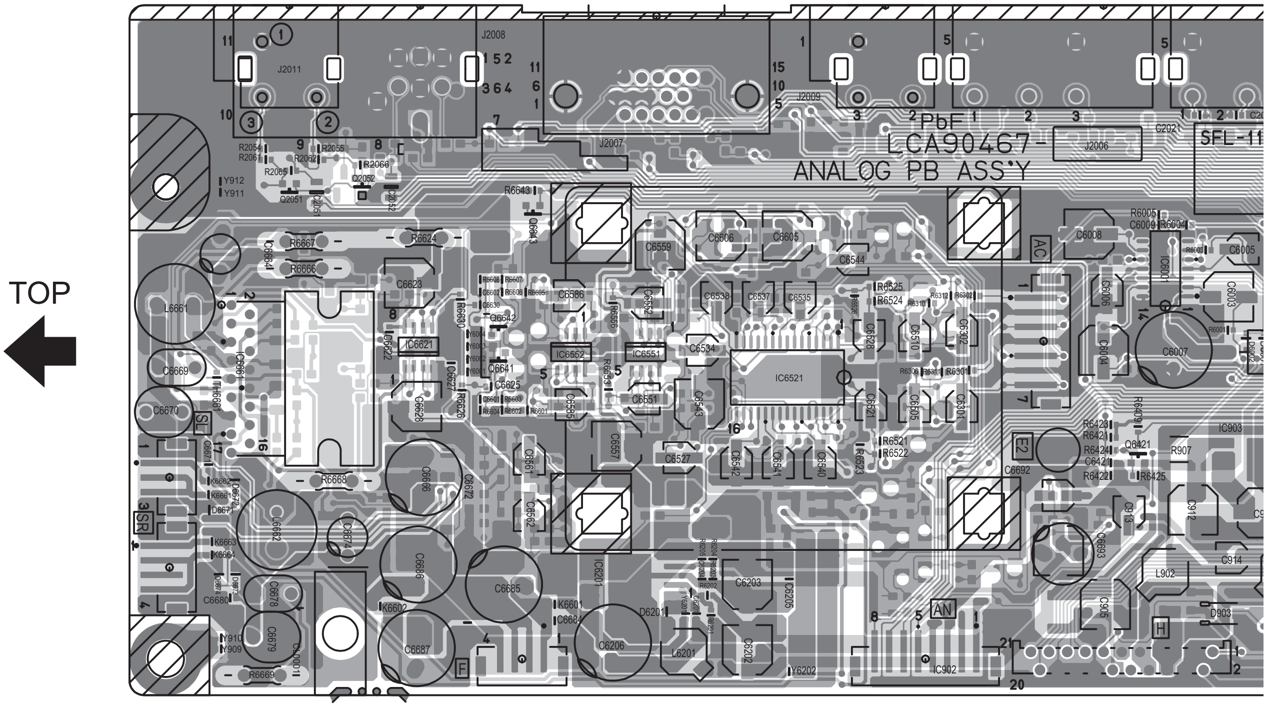

ANALOG PWB
LCB90467 -001C
J2002
J2001
J2003
J2004
UL MARK
A
R6006
C6007
R723
X201
Y913
Y914
Y915
Y916
Y919
Y920
D711
D712
D902
D905
D909
Q903
R901
R902
R903
H
C2020
C2015
C2014
C2207
R2011
R2013
R2012
R2210
R374
R384
C310
C309
C802
C815
C816
C817
C872
C866

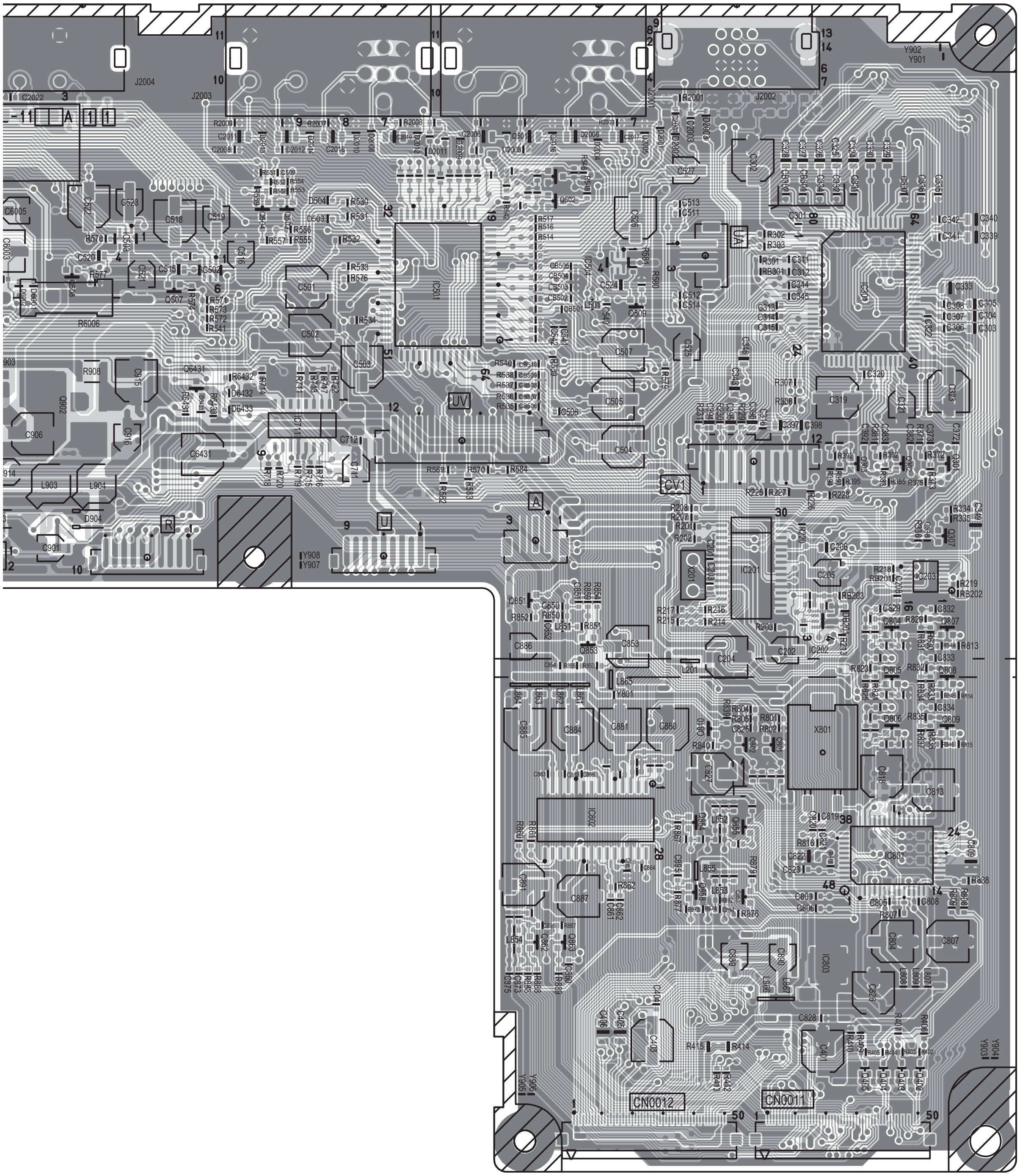


J2006
J2009
J2007
J2008
J2011
CL0001
E2

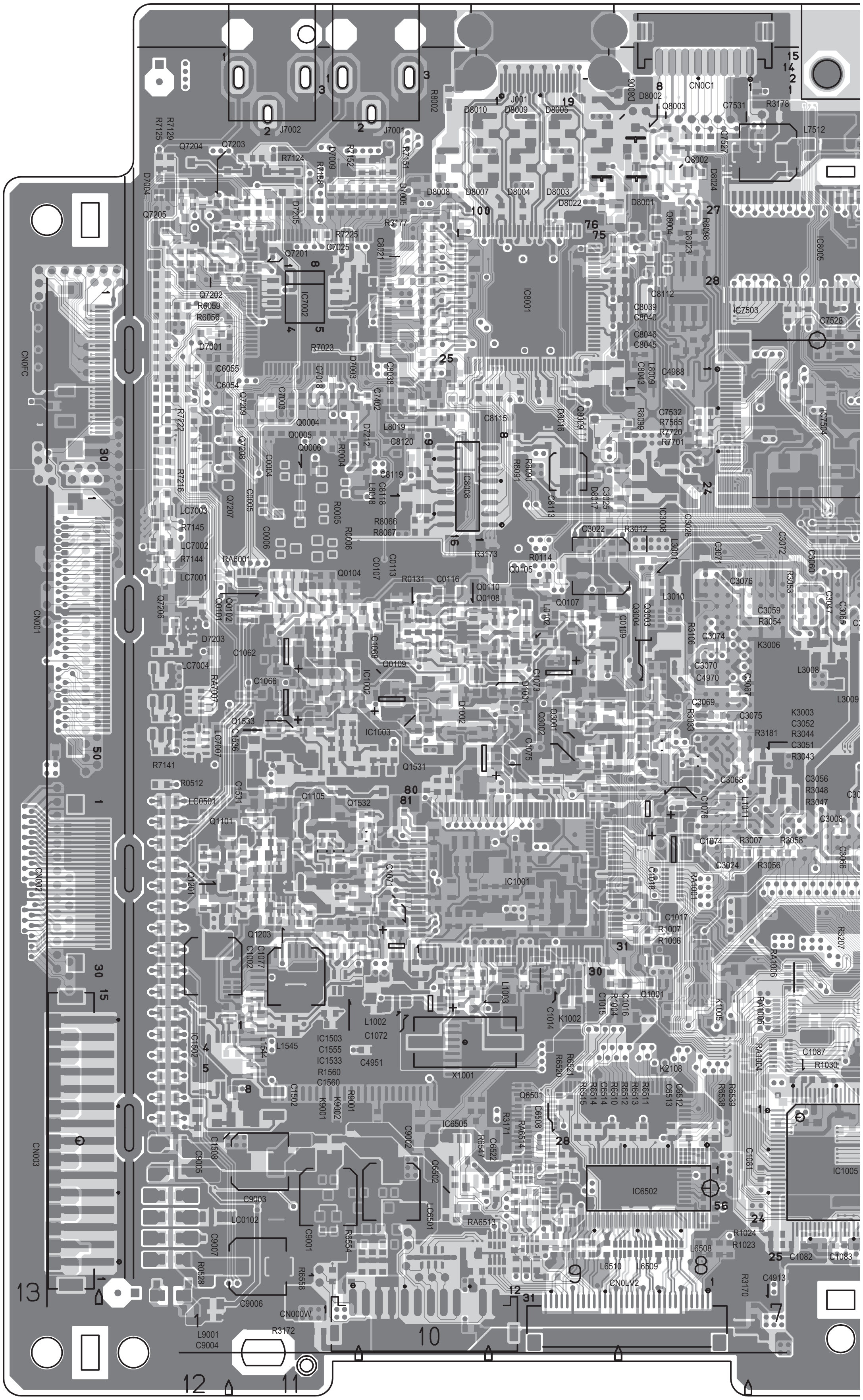
TOP

*ANALOG SIGNAL PWB PATTERN [PARTS SIDE]*

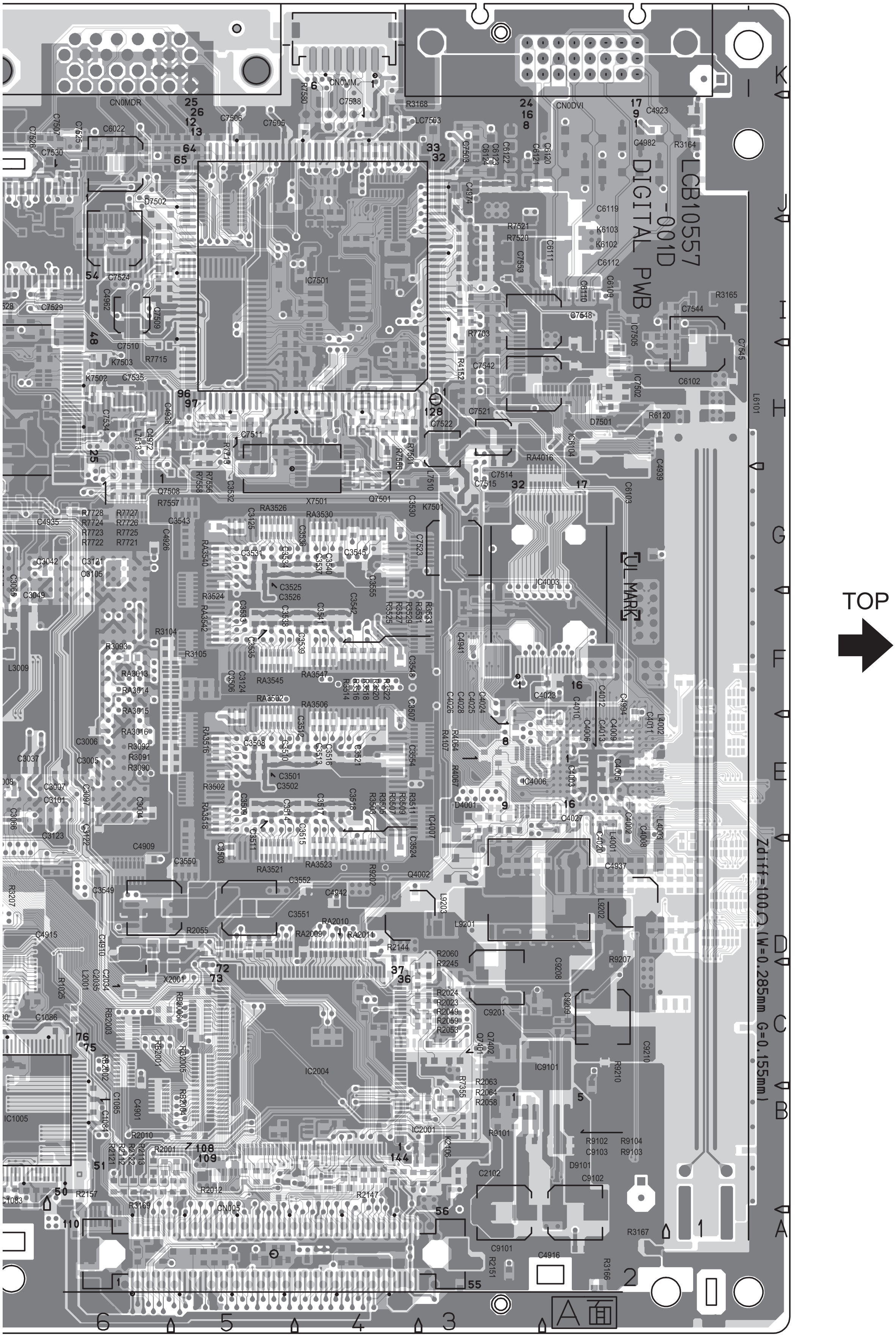

TOP
LCA90467-
ANALOG PB ASS'Y
PbF
SFL-11
J2011
J2008
J2007
J2009
J2006
C2021
R2056
R2061
R2055
R2062
R2060
R2065
Q2052
Q2051
Y912
Y911
R6643
Q6643
R6667
R6666
R6624
C6664
L6661
C6669
C6670
IC6661
TH6681
SL
C6623
IC6621
IC6622
C6627
C6626
R6626
R6680
C6642
C6641
C6625
C6586
R6556
C6559
C6552
IC6552
IC6551
C6585
C6551
C6534
C6543
C6606
C6605
C6544
C6538
C6537
C6535
R6525
R6524
C6528
C6510
C6302
IC6521
C6521
C6505
C6301
C6557
C6527
C6542
C6541
C6540
R6523
R6521
R6522
C6561
C6562
C6201
C6203
C6205
C6206
C6202
L6201
D6201
Y6202
IC902
R6668
C6666
C6672
C6662
C6674
C6686
C6685
C6678
C6679
C6687
C6680
C6681
K6663
K6664
K6662
K6661
D6671
K6602
K6601
C6684
Y910
Y909
R6669
3SR
AC
C6008
R6005
C6009
R6004
IC6001
C6005
C6006
C6003
C6004
C6007
R6400
R6423
R6421
R6424
C6421
R6422
Q6421
R6425
R907
IC903
E2
C6692
C6693
C913
C912
C914
L902
C905
D903
AN
H
F
1
2
3
4
5
6
7
8
9
10
11
15
16
17
20
21



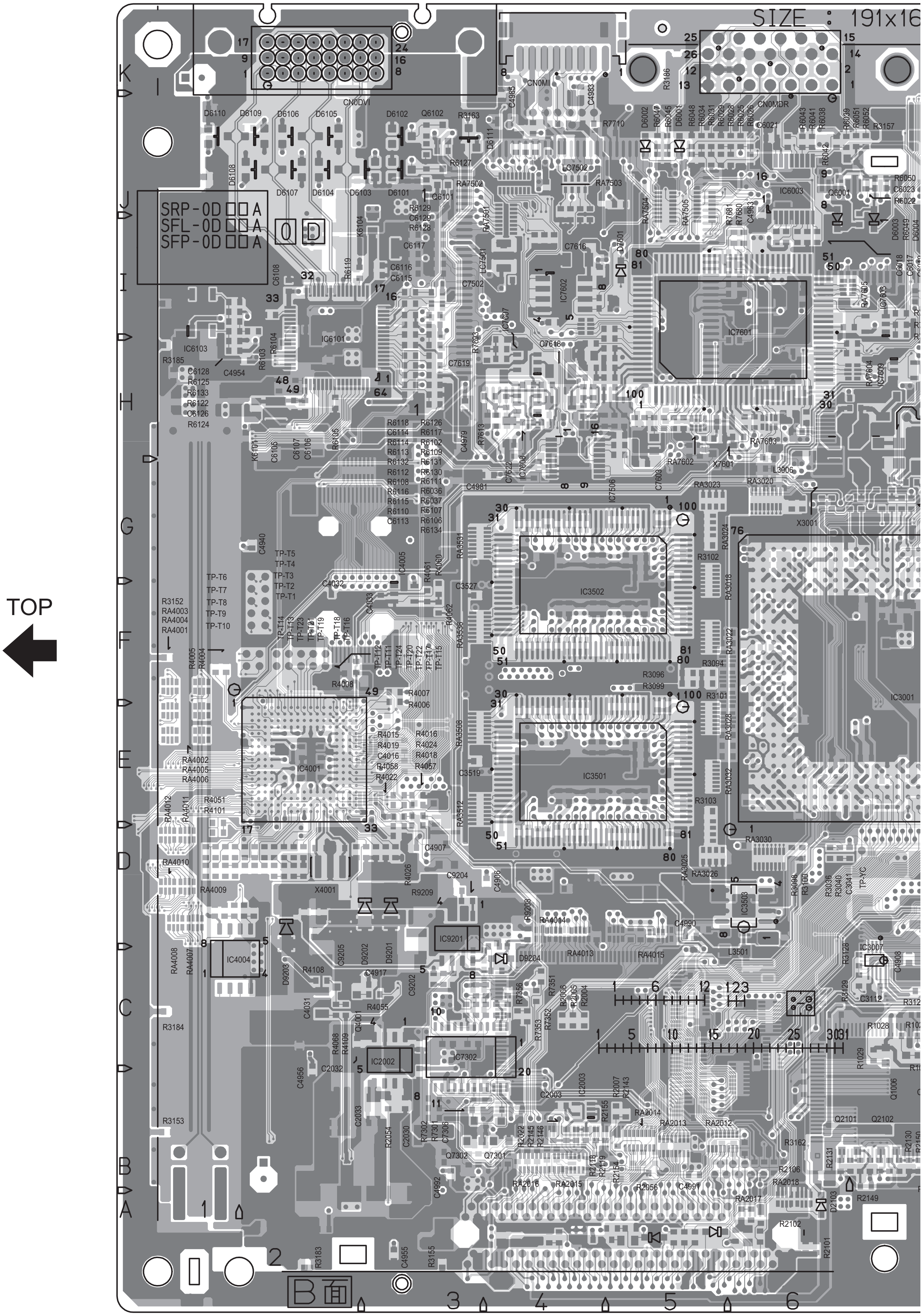
DIGITAL SIGNAL PWB PATTERN [SOLDER SIDE]

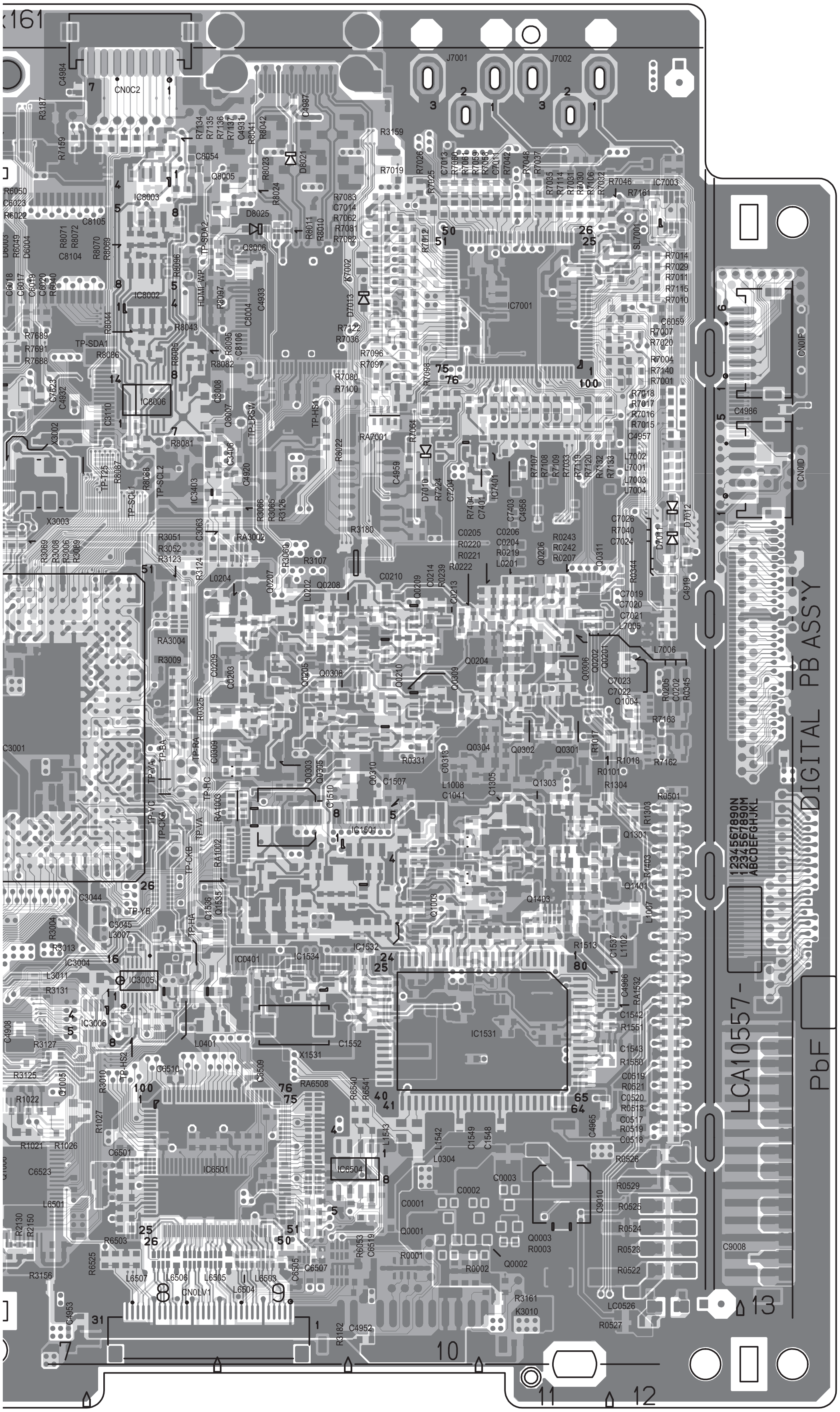


J7002
J7001
R8002
J001
CN0C1
D8010
D8009
D8006
D8002
Q8003
C7531
R3178
L7512
R7129
R7125
Q7204
Q7203
R7124
D7009
R7152
R7151
Q7527
Q8002
D8024
D7004
D7005
D8008
D8007
D8004
D8003
D8022
D8001
Q8004
R8098
D8023
Q7205
D7205
R3177
R7225
C7025
C8021
Q7201
IC7002
IC8001
IC8005
Q7202
R6059
R6056
C8112
C8039
C8040
IC7503
C7528
D7001
R7023
C8046
C8045
CN0FC
C6055
C6054
C7008
D7003
C8038
L8009
C8043
C4988
Q7209
C7003
C7402
Q8009
D8016
R8099
C7532
R7565
R7720
R7701
IC7504
R7222
Q0004
Q0005
Q0006
D7212
L8019
C8120
C8115
Q7208
C0004
R0004
C8119
C8118
L8018
IC8008
R8090
R8091
C8113
D8017
C3025
R7216
Q7207
C0005
R0005
R8066
R8067
C3022
R3012
C3008
C3026
LC7003
R7145
LC7002
R7144
RA6001
C0006
R0006
C0113
C0107
R3173
R0114
C3071
C3072
C3080
R3053
LC7001
Q0104
R0131
C0116
Q0105
L3001
C3076
C3047
C3059
Q7206
Q0102
Q0101
Q0110
Q0108
L0102
Q0107
Q0109
Q3004
Q3003
L3010
R3054
CN001
D7203
R3106
C3074
K3006
C1062
C1069
Q0109
C3070
C4970
L3008
LC7004
C1066
IC1002
C1073
D1001
C3067
RA7007
Q1533
C1536
LC7007
IC1003
D1002
Q3001
Q3002
C1075
R3033
C3069
C3075
L3009
K3003
C3052
R3044
C3051
R3043
R3181
R7141
Q1531
C3068
C3056
R3048
R3047
R0512
LC0501
C1531
C1105
Q1532
L1011
C1076
C3008
Q1101
C1074
R3007
R3058
C3024
R3056
C3066
CN002
Q1201
C1071
IC1001
C1018
RA1001
C1017
R1007
R1006
R3207
Q1203
C1077
C1002
RA1006
L1003
C1014
K1002
C1015
R1004
C1016
Q1001
K1D05
RA1005
IC1502
L1544
L1545
IC1503
C1555
IC1533
R1560
C1560
L1002
C1072
C4951
X1001
R6521
R6520
K2108
C1087
R1030
RA1004
C1502
K9002
K9001
R9001
Q6501
C6508
R6515
R6514
C6514
R6510
R6512
R6513
R6511
C6513
C6512
R6539
R6538
CN003
C1508
C9005
C9002
IC6505
R3171
RA6514
C6522
R6547
Q6502
IC6502
C1081
IC1005
C9003
LC0102
LC6501
RA6513
C9007
C9001
R8554
R0528
R6558
L6508
R1024
R1023
L6510
L6509
CN0LV2
R3170
C4913
C1082
C1083
C9006
CN000W
L9001
C9004
R3172
1
2
3
15
14
100
19
8
27
76
75
28
25
9
24
16
30
50
80
81
31
4
5
56
13
12
11
10
7

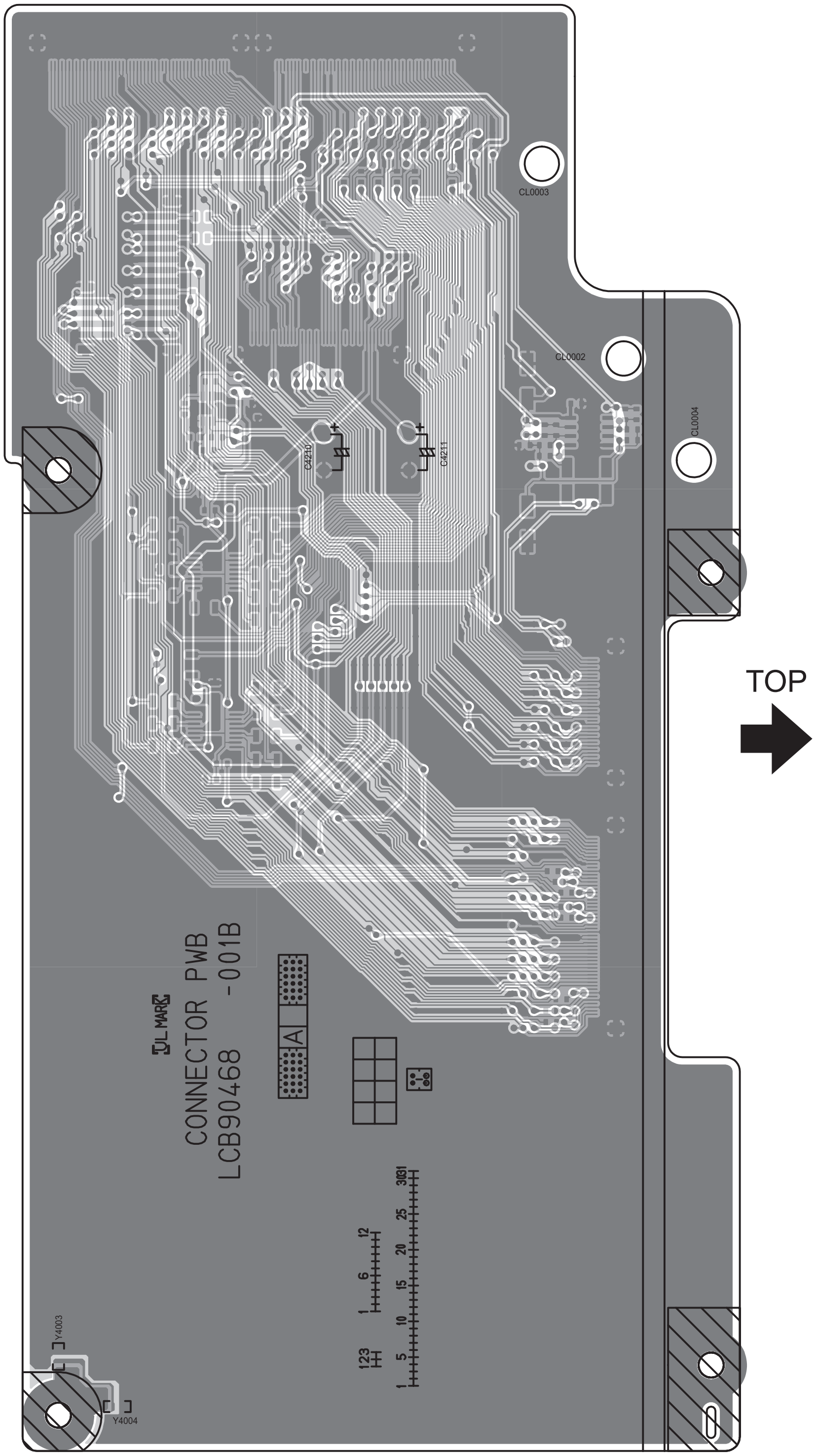

LCB10557
-001D
DIGITAL PWB
TOP
A面
UL MARK
Zdiff=100Ω(W=0.285mm G=0.155mm)
CN0MDR
CN0VM
CN0DVI
CN005
IC7501
IC4003
IC4006
IC2004
IC2001
IC9101
IC1005
X7501
X2001
K
J
I
H
G
F
E
D
C
B
A
1
2
3
4
5
6

## DIGITAL SIGNAL PWB PATTERN [PARTS SIDE]

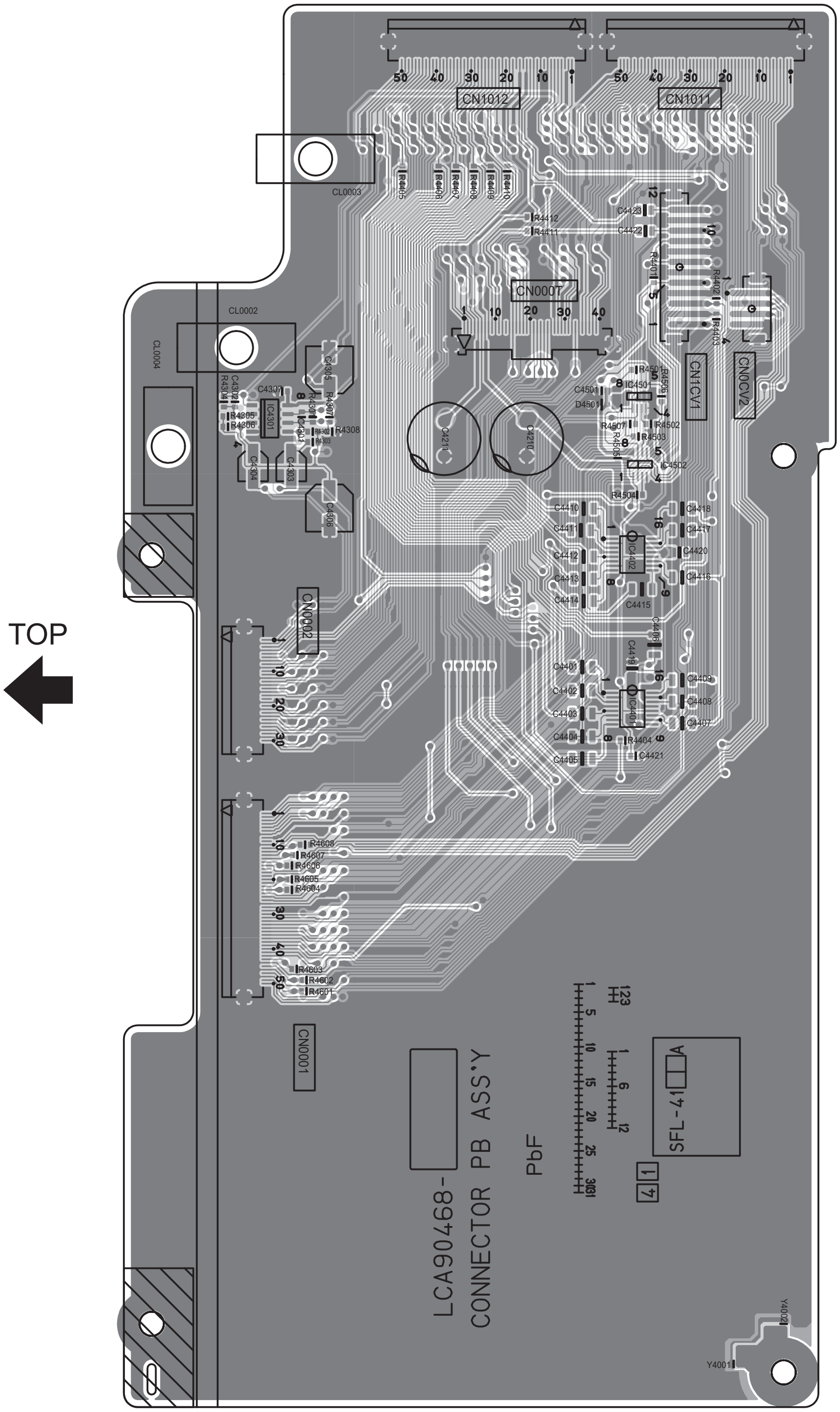

TOP
SIZE : 191x16
SRP-0D□□A
SFL-0D□□A
SFP-0D□□A
Q
D
B面
K
J
I
H
G
F
E
D
C
B
A
1
2
3
4
5
6
CN0DVI
CN0MI
CN0MDR
IC6101
IC6103
IC7601
IC7602
IC6003
IC3502
IC3501
IC3001
IC4001
IC4004
IC9201
IC7302
IC2002
IC2003
IC3503
IC3007
X4001
X7601
X3001
L3006
L3501
Q6102
Q6101
Q6001
Q4001
Q7302
Q7301
Q2101
Q2102
Q1006
D6110
D6109
D6106
D6105
D6102
D6108
D6107
D6104
D6103
D6101
D6111
D7601
D6002
D6001
D6003
D6004
D9203
D9202
D9201
D9204
D2103
TP-T1
TP-T2
TP-T3
TP-T4
TP-T5
TP-T6
TP-T7
TP-T8
TP-T9
TP-T10
TP-YC
RA4003
RA4004
RA4001
RA4002
RA4005
RA4006
RA4012
RA4011
RA4010
RA4009
RA4008
RA4007
RA4014
RA4013
RA4015
RA3531
RA3536
RA3508
RA3512
RA3023
RA3020
RA3024
RA3018
RA3022
RA3028
RA3032
RA3030
RA3025
RA3026
RA7502
RA7503
RA7501
RA7504
RA7505
RA7602
RA7603
RA7605
RA7604
RA2014
RA2013
RA2012
RA2016
RA2015
RA2018
RA2017
R3152
R3184
R3153
R3185
R3183
R3155
R3163
R3157
R3186
R3162
R4008
R4007
R4006
R4015
R4019
R4016
R4024
R4018
R4057
R4058
R4022
R4051
R4101
R4026
R4108
R4055
R4068
R4109
R9209
R3102
R3094
R3096
R3099
R3101
R3103
R7710
R2106
R2149
R2102
R2101
R2056
C4940
C4032
C4005
C4033
C3527
C3519
C4907
C9204
C4906
C4990
C4917
C4031
C4956
C2032
C2033
C2030
C4992
C4955
C4991
C4981
C4979
C4954
C4985
C4983
C7616
C7618
C7619
C7502
C6117
C6116
C6115
C3112

DIGITAL PB ASS'Y
LCA10557-
PbF
1234567890N
1234567890M
ABCDEFGHJKL
J7001
J7002
CN0C2
CN01F
CN01D
CNOLV1
IC7001
IC7003
IC8003
IC8002
IC8006
IC1531
IC1501
IC1532
IC1534
IC0401
IC3004
IC3005
IC3006
IC6501
IC6504
IC3001
IC3403
IC7401
X1531
X3002
X3003
TP-SDA1
TP-SDA2
TP-SCL1
TP-SCL2
TP-HS1
TP-HS2
TP-LRSW
TP-T25
TP-YB
TP-HA
TP-BA
TP-RA
TP-RG
TP-VA
TP-CKA
TP-CKB
TP-YG
TP-V5
HDMI WP
C4986
C4984
C4987
C4957
C4919
C9008
K3010
R3161
R3182
C4952
C4953
R3156
7
8
9
10
11
12
13

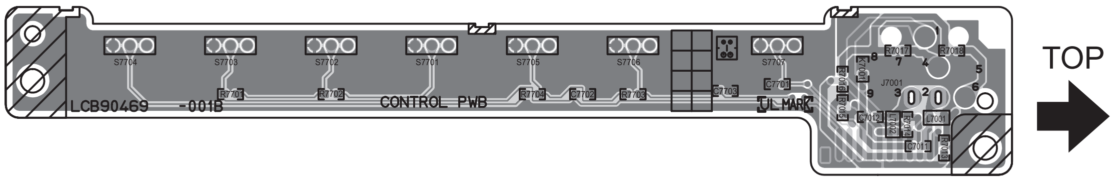
## *CONNECTOR PWB PATTERN [SOLDER SIDE]*


CL0003
CL0002
CL0004
C4210
C4211
TOP
CONNECTOR PWB
LCB90468 -001B
A
Y4003
Y4004
1 5 10 15 20 25 30 31
123
1 6 12

*CONNECTOR PWB PATTERN [PARTS SIDE]*

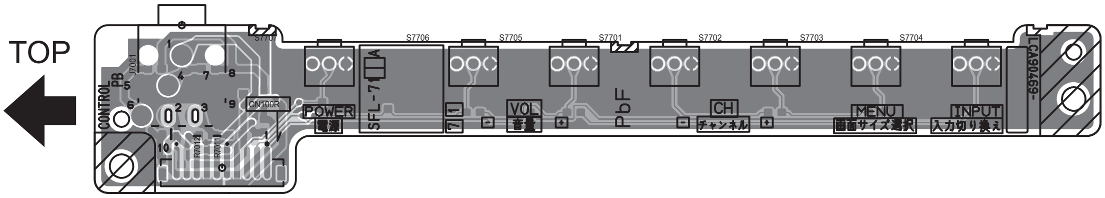

CN1012
CN1011
50
40
30
20
10
1
CL0003
CL0002
CL0004
R4405
R4406
R4407
R4408
R4409
R4410
R4412
R4411
C4420
C4422
R4401
R4402
R4403
CN0007
CN1CV1
CN0CV2
IC4501
C4501
D4501
R4501
R4502
R4503
R4504
R4507
C4502
C4211
C4210
IC4301
C4301
C4302
C4303
C4304
C4305
C4306
R4301
R4305
R4306
R4308
IC4402
IC4401
C4401
C4402
C4403
C4404
C4405
C4407
C4408
C4409
C4410
C4411
C4412
C4413
C4414
C4415
C4416
C4417
C4418
C4419
C4420
C4421
R4404
CN0002
CN0001
R4601
R4602
R4603
R4604
R4605
R4606
R4607
R4608
TOP
LCA90468-
CONNECTOR PB ASS'Y
PbF
SFL-41□□A
Y4001
Y4002

## FRONT CONTROL PWB PATTERN [SOLDER SIDE]



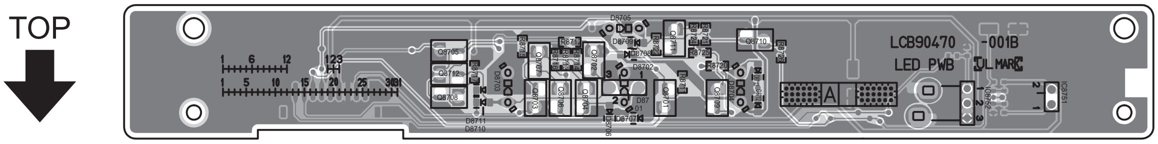
TOP
S7704
S7703
S7702
S7701
S7705
S7706
S7707
LCB90469 -001B
CONTROL PWB
UL MARK
J7001

## FRONT CONTROL PWB PATTERN [PARTS SIDE]



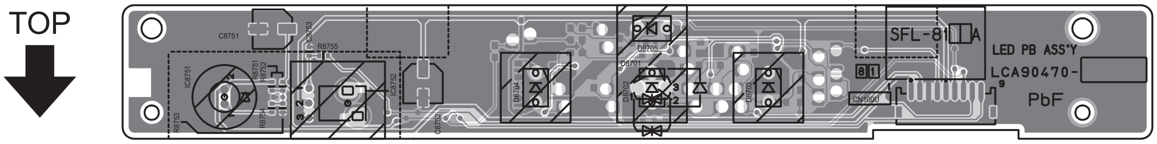
TOP
S7707
S7706
S7705
S7701
S7702
S7703
S7704
CONTROL PB
J7001
CN100R
POWER
電源
SFL-7 A
VOL
音量
PbF
CH
チャンネル
MENU
画面サイズ選択
INPUT
入力切り換え
LCA90469-

## FRONT LED PWB PATTERN [SOLDER SIDE]



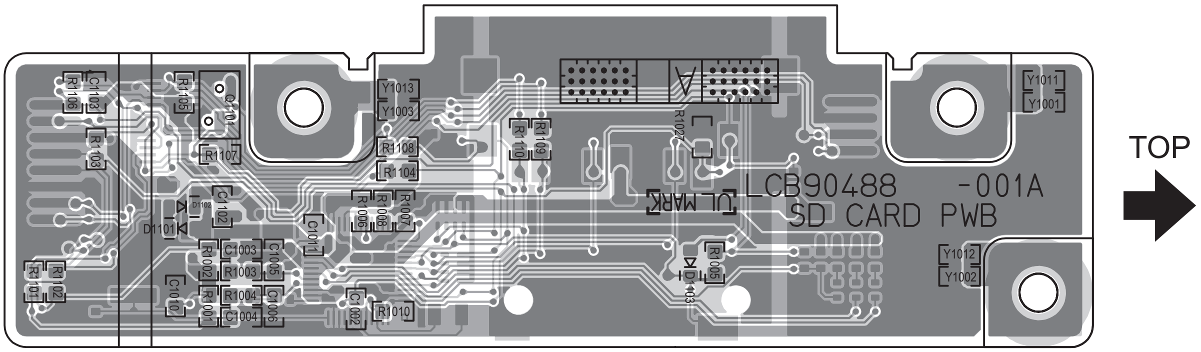
TOP
LCB90470 -001B
LED PWB
UL MARK
D8705
D8711
D8710
IC8751

## FRONT LED PWB PATTERN [PARTS SIDE]

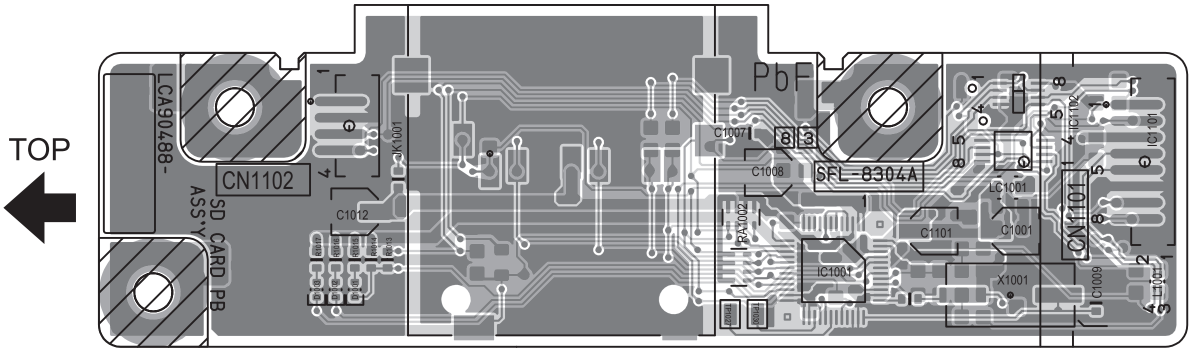


TOP
C8751
R8755
IC8751
R8751
R8753
IC8752
D8705
D8701
D8704
SFL-81 A
LED PB ASS'Y
LCA90470-
PbF
CN1000

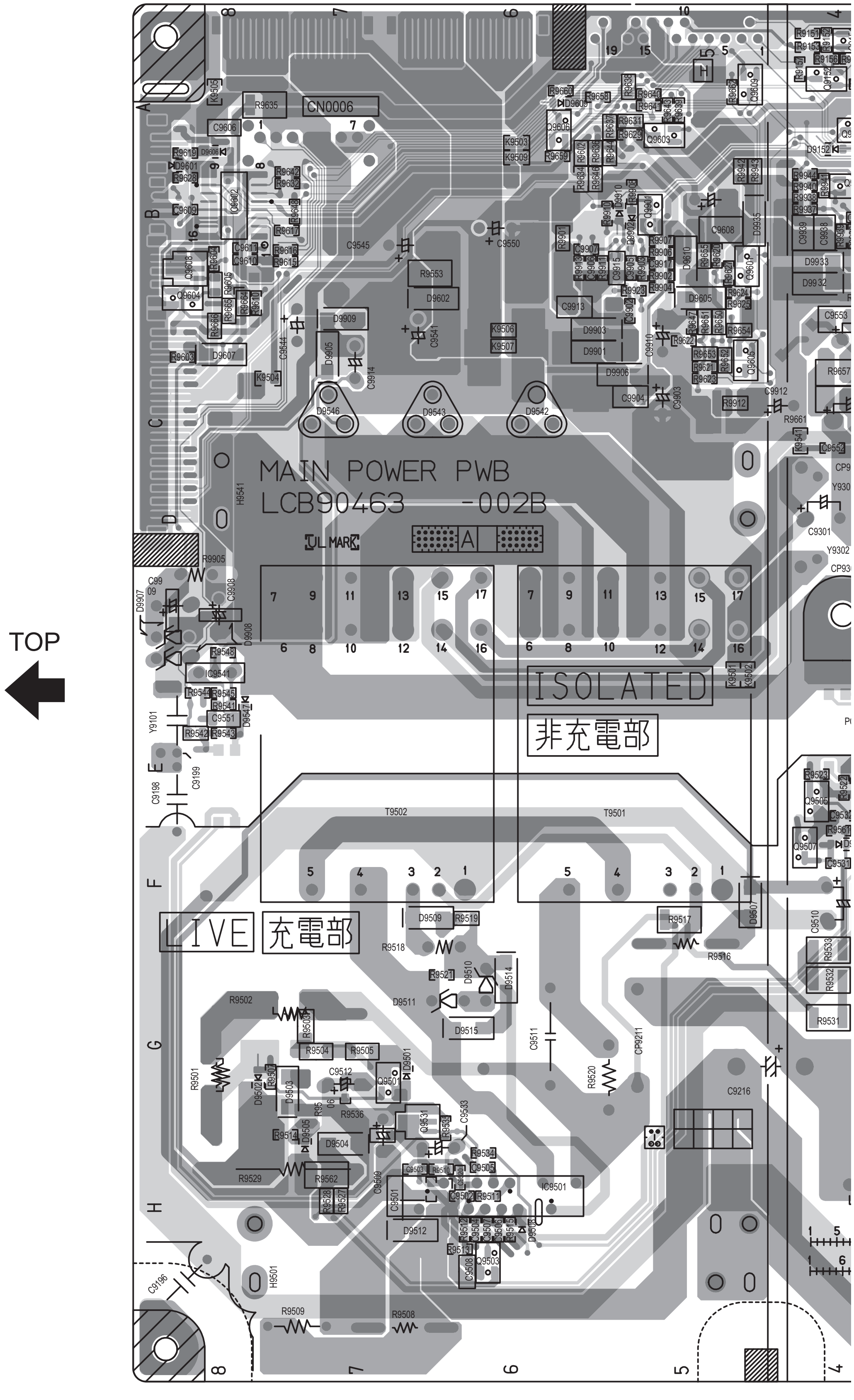
*SD CARD PWB PATTERN [SOLDER SIDE]*

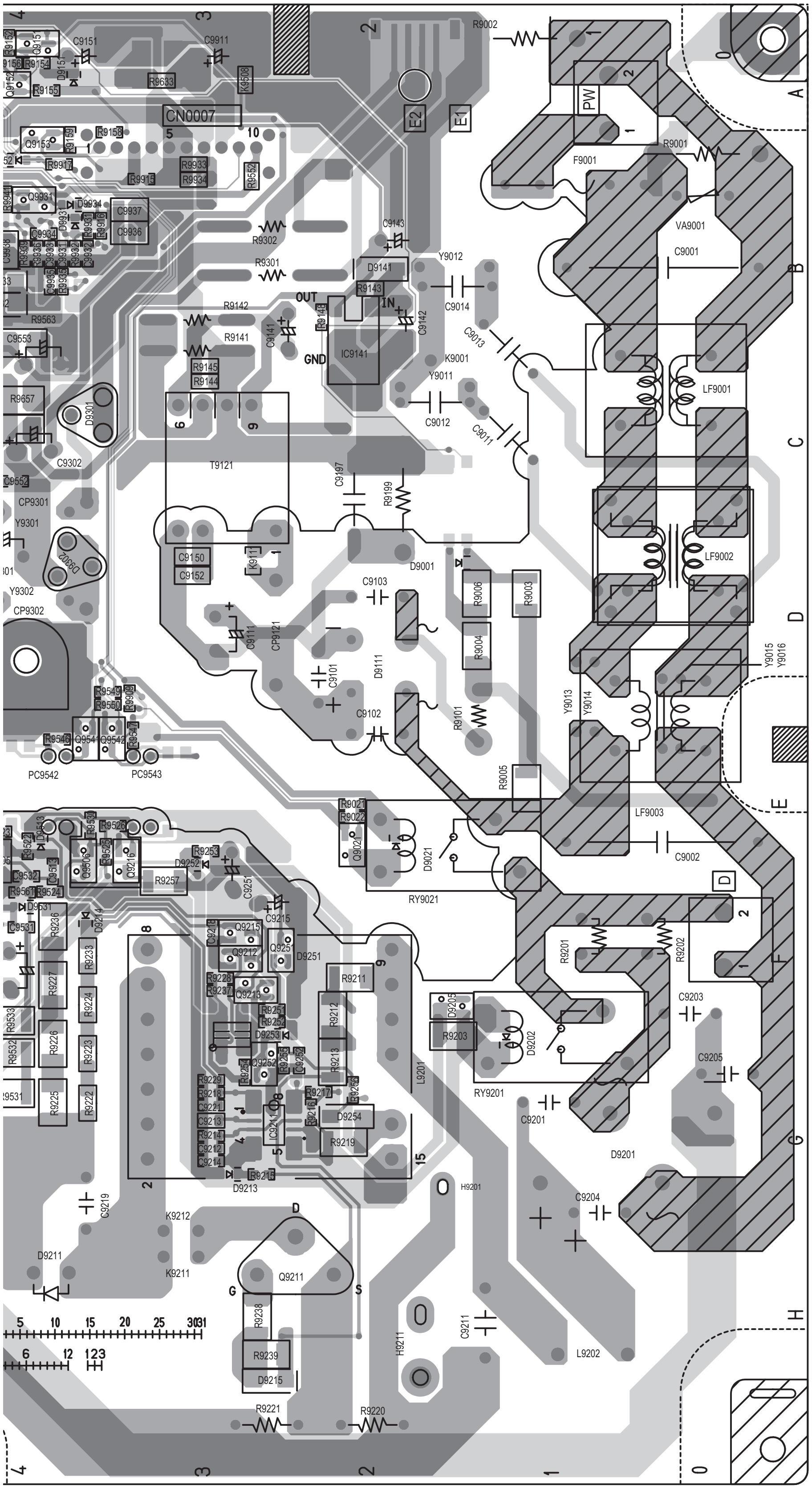

TOP
LCB90488 -001A
SD CARD PWB
UL MARK
R1106
C1103
R1105
Q1101
R1103
R1107
C1102
D1102
D1101
R1101
R1102
C1010
R1002
R1003
R1001
R1004
C1003
C1005
C1004
C1006
C1011
C1002
R1010
Y1013
Y1003
R1108
R1104
R1006
R1008
R1007
R1110
R1109
R1027
R1005
D1103
Y1011
Y1001
Y1012
Y1002

*SD CARD PWB PATTERN [PARTS SIDE]*


TOP
LCA90488-
SD CARD PB
ASS'Y
CN1102
JK1001
C1012
PbF
C1007
C1008
SFL-8304A
RA1002
IC1001
C1101
C1001
X1001
C1009
LC1001
IC1102
IC1101
CN1101
L1001

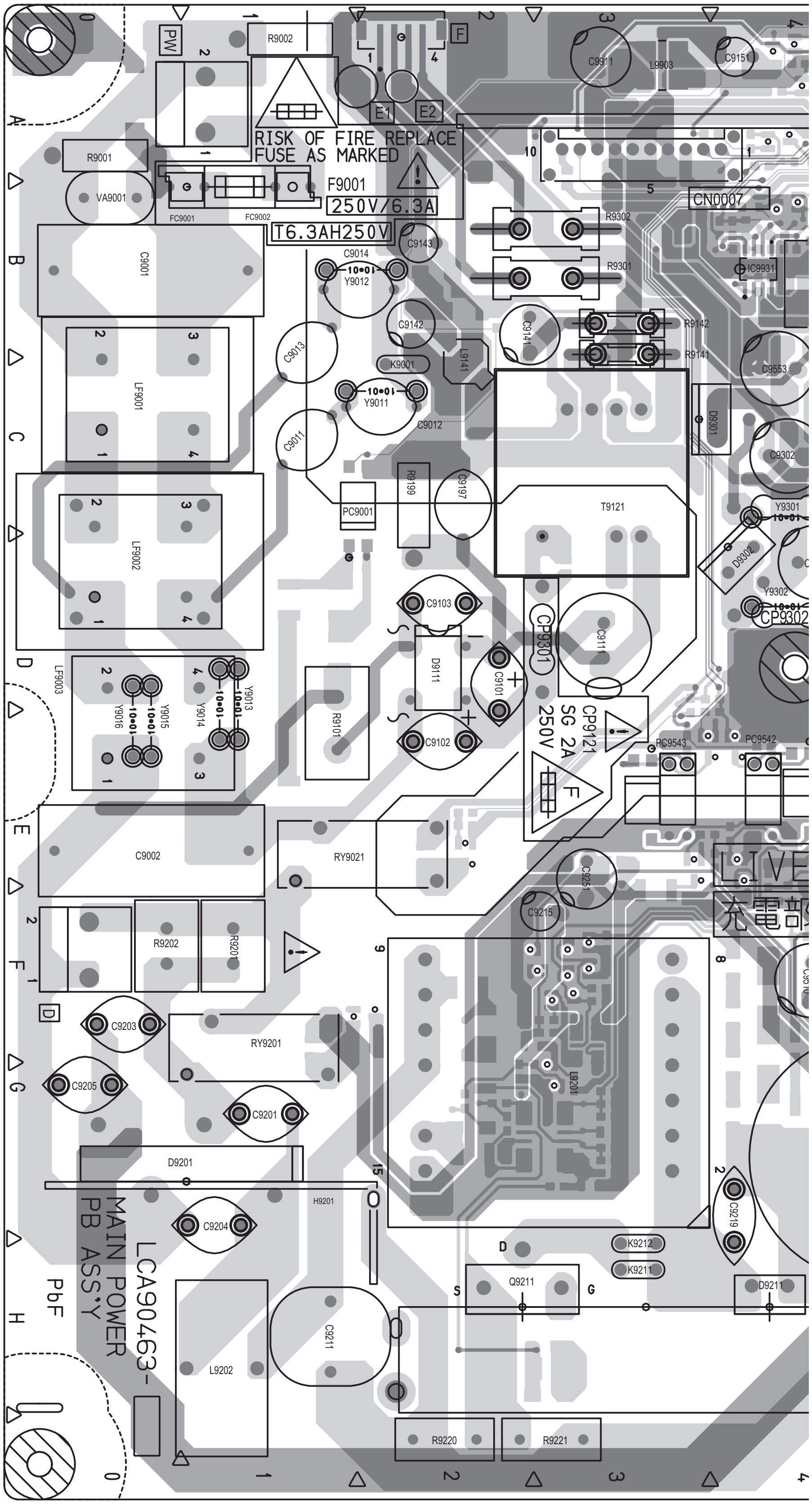
## *POWER PWB PATTERN [SOLDER SIDE]*


TOP
MAIN POWER PWB
LCB90463 -002B
UL MARK
A
ISOLATED
非充電部
LIVE
充電部
T9502
T9501
CN0006
D9546
D9543
D9542
IC9541
IC9501
H9541
H9501
C9545
C9550
R9553
D9602
D9909
D9905
C9541
C9544
C9914
D9903
D9901
D9906
C9913
C9904
C9903
C9910
C9912
C9608
D9933
D9932
D9935
C9553
R9657
R9912
R9661
C9301
Y9302
R9905
C9908
D9907
D9908
Y9101
C9198
C9199
C9196
C9551
D9509
R9519
R9518
R9521
D9510
D9514
D9511
D9515
C9511
CP9211
R9520
C9216
R9502
R9501
R9504
R9505
C9512
Q9501
R9536
Q9531
C9533
D9504
R9529
R9562
C9501
D9512
Q9503
R9509
R9508
R9517
R9516
C9510
R9533
R9532
R9531
Q9505
Q9507
A
B
C
D
E
F
G
H
8
7
6
5
4
10

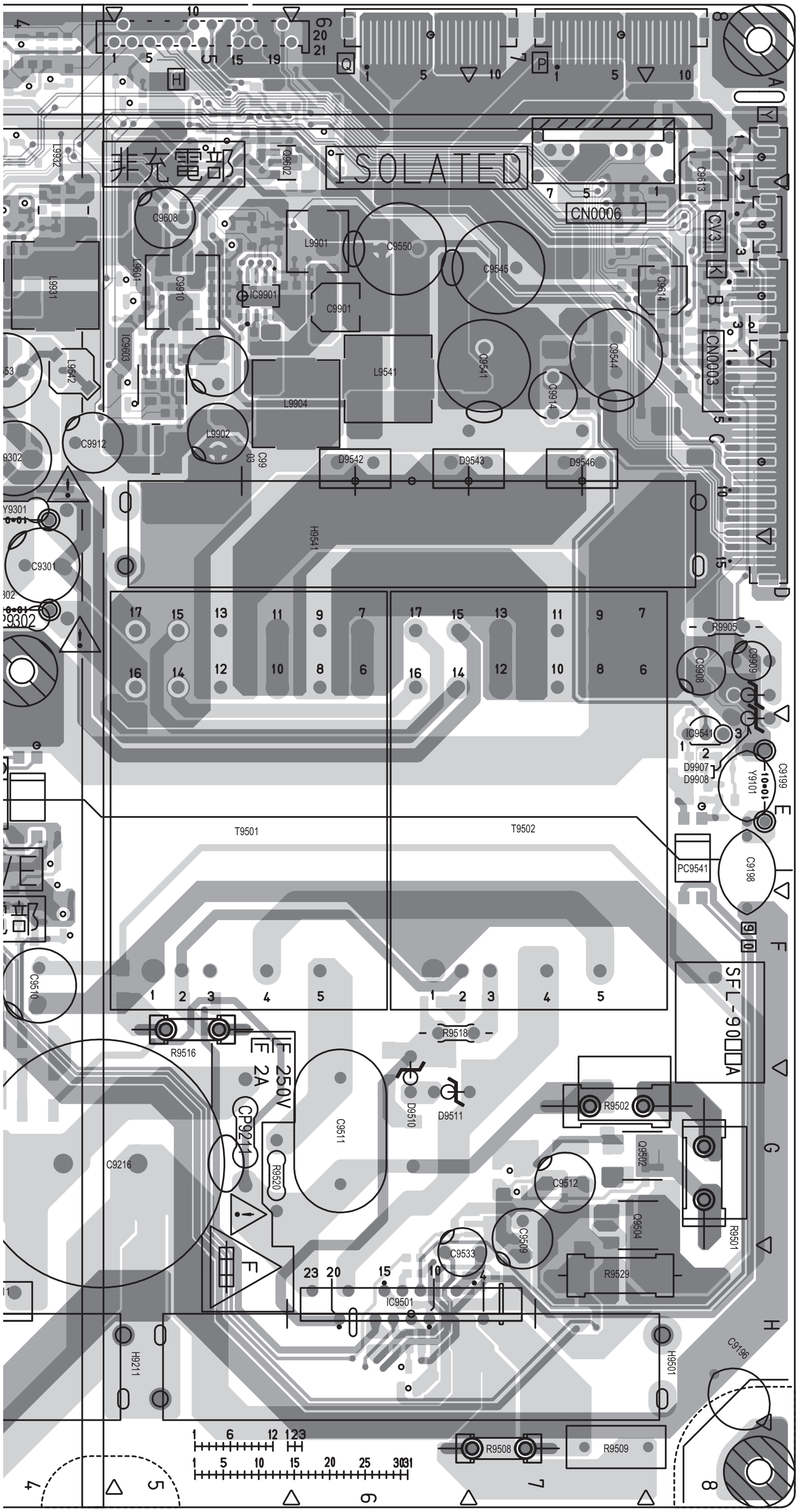


R9002
PW
F9001
R9001
VA9001
C9001
LF9001
LF9002
LF9003
Y9015
Y9016
Y9013
Y9014
C9002
CN0007
E2
E1
C9911
C9151
R9633
K9508
Q9153
R9917
R9915
R9933
R9934
R9552
Q9931
D9934
C9937
C9936
R9302
R9301
C9143
D9141
R9143
Y9012
C9014
OUT
IN
GND
IC9141
C9141
C9142
R9142
R9141
R9145
R9144
C9013
K9001
Y9011
C9012
C9011
R9563
C9553
R9657
D9301
C9302
T9121
C9197
R9199
D9001
CP9301
Y9301
D9302
Y9302
CP9302
C9150
C9152
C9103
R9006
R9003
R9004
C9111
CP9121
C9101
D9111
C9102
R9101
R9005
PC9542
PC9543
Q9542
R9021
R9022
Q9021
D9021
RY9021
R9253
D9252
R9257
C9251
C9215
Q9215
Q9212
Q9251
D9251
Q9213
R9211
R9212
R9213
D9253
Q9252
D9254
R9219
IC9211
D9213
L9201
R9201
R9202
C9203
D9205
R9203
D9202
RY9201
C9205
C9201
D9201
R9236
R9233
R9227
R9224
R9226
R9223
R9225
R9222
R9533
R9532
R9531
C9219
K9212
K9211
D9211
Q9211
D
G
S
R9238
R9239
D9215
R9221
R9220
H9201
C9204
H9211
C9211
L9202
A
B
C
D
E
F
G
H
0
1
2
3
4

*POWER PWB PATTERN [PARTS SIDE]*



RISK OF FIRE REPLACE FUSE AS MARKED
F9001
250V/6.3A
T6.3AH250V
CP9121
SG 2A
250V
CP9301
CP9302
CN0007
T9121
LF9001
LF9002
LF9003
C9001
C9002
RY9021
RY9201
D9201
L9202
Q9211
LCA90463-
MAIN POWER
PB ASS'Y
PbF

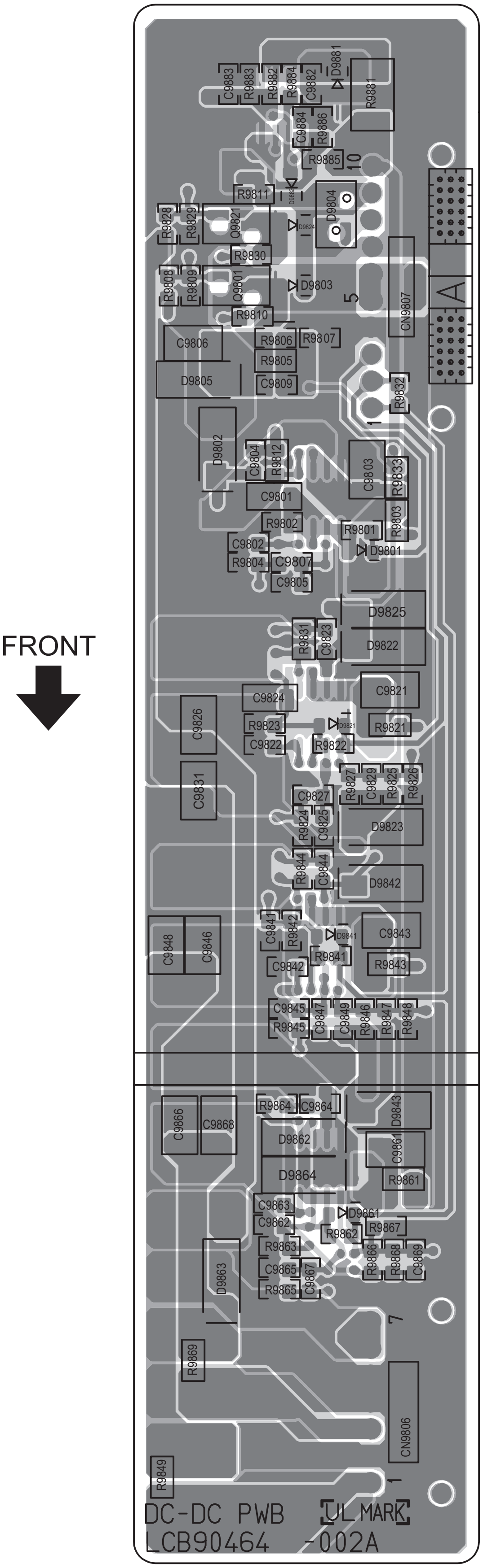


非充電部
ISOLATED
CN0006
CN0003
T9501
T9502
H9541
IC9501
IC9901
IC9541
PC9541
SFL-90□□A
F 250V
F 2A
CP9211
C9550
C9545
C9541
C9544
C9216
C9511
C9512
C9198
C9199
D9542
D9543
D9546
D9510
D9511
R9502
R9501
R9508
R9509
R9516
R9529
H9211
H9501

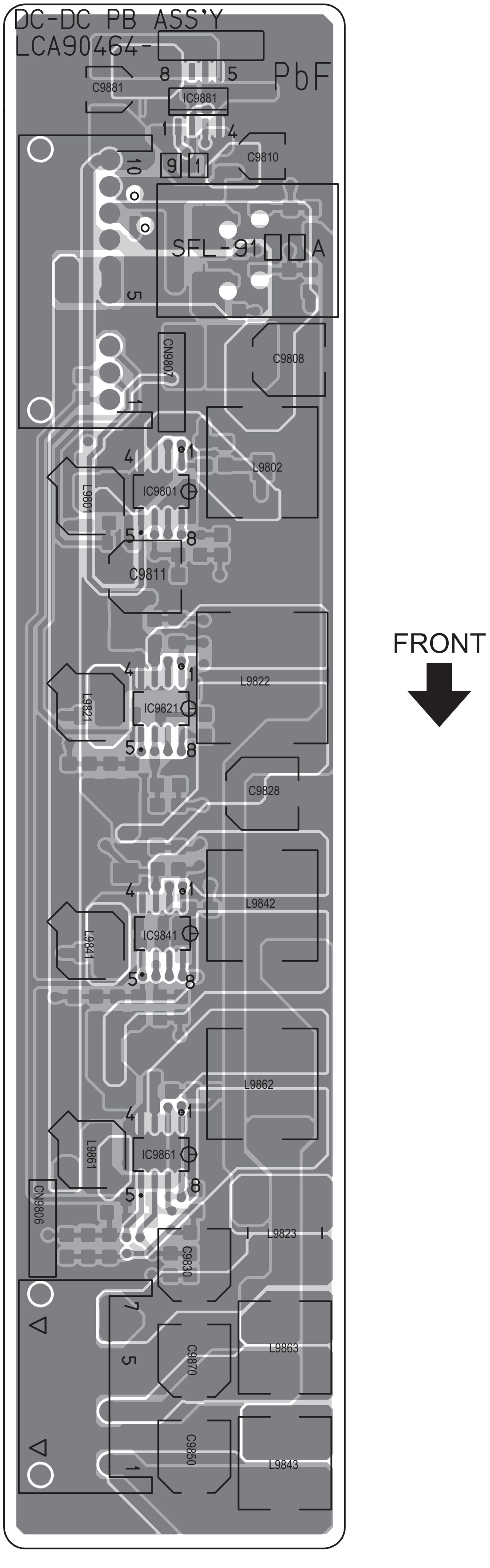
TOP

*REGULATOR PWB PATTERN [SOLDER SIDE]*

FRONT


DC-DC PWB
UL MARK
LCB90464 -002A
CN9807
CN9806
A

*REGULATOR PWB PATTERN [PARTS SIDE]*


DC-DC PB ASS'Y
LCA90464-
PbF
C9881
IC9881
C9810
SFL-91 A
CN9807
C9808
L9802
IC9801
L9801
C9811
L9822
IC9821
L9821
C9828
L9842
IC9841
L9841
L9862
IC9861
L9861
CN9806
L9823
C9830
L9863
C9870
C9850
L9843
FRONT

# VOLTAGE CHARTS

## <RECEIVER PWB>

### [P.2-7 - P.2-8]

| MODE PIN NO. | DC (V) |
|---|---|
| IC3101 | |
| 1 | 4.1 |
| 2 | 4.2 |
| 3 | 4.1 |
| 4 | 4.1 |
| 5 | 4.7 |
| 6 | 4.7 |
| 7 | 0 |
| 8 | 4.1 |
| 9 | 4.1 |
| 10 | 4.1 |
| 11 | 4.0 |
| 12 | 5.8 |
| 13 | 4.0 |
| 14 | 0 |
| 15 | 1.2 |
| 16 | 0 |
| 17 | 0 |
| 18 | 3.1 |
| 19 | 8.9 |
| 20 | 0 |
| 21 | 4.0 |
| 22 | 4.1 |
| 23 | 4.1 |
| 24 | 3.9 |
| 25 | 4.1 |
| 26 | 4.0 |
| 27 | 4.1 |
| 28 | 1.7 |
| 29 | 4.1 |
| 30 | 4.1 |
| 31 | 1.7 |
| 32 | 4.0 |
| 33 | 4.1 |
| 34 | 4.1 |
| 35 | 4.1 |
| 36 | 4.0 |
| 37 | 4.0 |
| 38 | 4.1 |
| 39 | 4.1 |
| 40 | 4.1 |
| 41 | 1.1 |
| 42 | 4.1 |
| 43 | 4.1 |
| 44 | 4.0 |
| 45 | 4.1 |
| 46 | 4.1 |
| 47 | 4.1 |
| 48 | 4.1 |
| IC3102 | |
| 1 | 4.5 |
| 2 | 4.5 |
| 3 | 4.5 |
| 4 | 0 |
| 5 | 4.5 |
| 6 | 4.5 |
| 7 | 4.5 |
| 8 | 8.9 |
| IC3106 | - |
| Q3001 | |
| E | 2.2 |
| C | 0 |
| B | 1.6 |
| Q3002 | |
| E | 1.7 |
| C | 8.9 |
| B | 2.2 |
| TU3001 | |
| 1 | 3.9 |
| 2 | 2.2 |
| 3 | 4.9 |
| 4 | 5.1 |
| 5 | 4.5 |
| 6 | 0 |
| 7 | 4.9 |
| 8 | 4.9 |
| 9 | 31.8 |
| 10 | 0 |
| 11 | 0 |
| 12 | 0 |
| 13 | 4.9 |
| 14 | 1.5 |
| 15 | 0 |
| 16 | 1.6 |
| 17 | 3.9 |
| 18 | 1.9 |
| 19 | 2.3 |
| 20 | 0 |
| 21 | 0 |

## <ANALOG SIGNAL PWB>

### [P.2-9 - P.2-10]

| MODE PIN NO. | DC (V) |
|---|---|
| IC501 | |
| 1 | 3.9 |
| 2 | 4.4 |
| 3 | 3.9 |
| 4 | 4.4 |
| 5 | 4.4 |
| 6 | 0 |
| 7 | 0 |
| 8 | 3.9 |
| 9 | 4.4 |
| 10 | 4.1 |
| 11 | 4.4 |
| 12 | 4.3 |
| 13 | 0 |
| 14 | 0 |
| 15 | 3.9 |
| 16 | 4.4 |
| 17 | 3.9 |
| 18 | 4.4 |
| 19 | 4.4 |
| 20 | 0 |
| 21 | 4.9 |
| 22 | 3.9 |
| 23 | 4.5 |
| 24 | 3.8 |
| 25 | 4.4 |
| 26 | 4.4 |
| 27 | 0 |
| 28 | 4.9 |
| 29 | 4.4 |
| 30 | 3.9 |
| 31 | 4.4 |
| 32 | 8.9 |
| 33 | 4.7 |
| 34 | 4.7 |
| 35 | 0 |
| 36 | 4.4 |
| 37 | 4.4 |
| 38 | 4.5 |
| 39 | 3.6 |
| 40 | 4.4 |
| 41 | 4.5 |
| 42 | 9.0 |
| 43 | 4.5 |
| 44 | 4.4 |
| 45 | 4.5 |
| 46 | 3.7 |
| 47 | 4.4 |
| 48 | 0 |
| 49 | 5.0 |
| 50 | 4.4 |
| 51 | 4.4 |
| 52 | 4.5 |
| 53 | 4.5 |
| 54 | 4.4 |
| 55 | 3.7 |
| 56 | 4.2 |
| 57 | 0 |
| 58 | 4.2 |
| 59 | 4.5 |
| 60 | 4.0 |
| 61 | 4.5 |
| 62 | 4.4 |
| 63 | 4.4 |
| 64 | 4.4 |
| IC502 | |
| 1 | 2.1 |
| 2 | 2.1 |
| 3 | 9.0 |
| 4 | 2.3 |
| 5 | 0 |
| 6 | 9.0 |
| IC503 | |
| 1 | 3.1 |
| 2 | 3.2 |
| 3 | 8.9 |
| 4 | 2.5 |
| 5 | 0 |
| 6 | 8.9 |
| IC504 | |
| 1 | 2.1 |
| 2 | 2.1 |
| 3 | 8.8 |
| 4 | 2.3 |
| 5 | 0 |
| 6 | 9.0 |
| Q507 | |
| E | 2.8 |
| C | 0 |
| B | 2.2 |
| Q508 | |
| E | 2.9 |
| C | 0 |
| B | 2.2 |
| Q509 | |
| E | 2.4 |
| C | 0 |
| B | 1.8 |
| Q2051 | |
| E | 0 |
| C | 0 |
| B | 0 |
| Q2052 | |
| E | 0 |
| C | 0 |
| B | 0 |
| Q2055 | |
| E | 0 |
| C | -0.2 |
| B | 0 |

### [P.2-11 - P.2-12]

| MODE PIN NO. | DC (V) |
|---|---|
| IC711 | |
| 1 | 5.1 |
| 2 | 5.2 |
| 3 | 4.6 |
| 4 | 4.6 |
| 5 | 4.6 |
| 6 | 4.6 |
| 7 | 0.2 |
| 8 | 0 |
| 9 | 5.2 |
| 10 | 5.2 |
| 11 | 5.2 |
| 12 | 5.2 |
| 13 | 0 |
| 14 | 4.7 |
| 15 | 4.7 |
| 16 | 5.2 |
| IC801 | |
| 1 | 2.3 |
| 2 | 1.9 |
| 3 | 1.4 |
| 4 | 0.2 |
| 5 | 2.3 |
| 6 | 5.0 |
| 7 | 2.5 |
| 8 | 0 |
| 9 | 0.2 |
| 10 | 0.8 |
| 11 | 2.4 |
| 12 | 5.0 |
| 13 | 4.7 |
| 14 | 4.7 |
| 15 | 0 |
| 16 | 0 |
| 17 | 0 |
| 18 | 0 |
| 19 | 0 |
| 20 | 2.5 |
| 21 | 1.6 |
| 22 | 1.8 |
| 23 | 1.8 |
| 24 | 0 |
| 25 | 2.1 |
| 26 | 2.2 |
| 27 | 2.2 |
| 28 | 0 |
| 29 | 0 |
| 30 | 0 |
| 31 | 0 |
| 32 | 5.0 |
| 33 | 2.2 |
| 34 | 2.4 |
| 35 | 2.4 |
| 36 | 0 |
| 37 | 5.0 |
| 38 | 4.0 |
| 39 | 1.7 |
| 40 | 3.2 |
| 41 | 2.0 |
| 42 | 4.6 |
| 43 | 1.6 |
| 44 | 2.0 |
| 45 | 0 |
| 46 | 2.8 |
| 47 | 3.8 |
| 48 | 1.7 |
| IC802 | |
| 1 | 1.2 |
| 2 | 3.1 |
| 3 | 4.9 |
| 4 | 2.4 |
| 5 | 0 |
| 6 | 1.8 |
| 7 | 2.3 |
| 8 | 0 |
| 9 | 0 |
| 10 | 0 |
| 11 | 4.9 |
| 12 | 0 |
| 13 | 5.0 |
| 14 | 0 |
| 15 | 4.7 |
| 16 | 4.7 |
| 17 | 0 |
| 18 | 0 |
| 19 | 2.4 |
| 20 | 5.0 |
| 21 | 0 |
| 22 | 2.9 |
| 23 | 2.7 |
| 24 | 3.4 |
| 25 | 3.3 |
| 26 | 0 |
| 27 | 3.7 |
| 28 | 1.6 |
| Q402 | |
| S | 3.1 |
| D | 2.9 |
| G | 4.7 |
| Q403 | |
| S | 3.1 |
| D | 3.0 |
| G | 4.8 |
| Q404 | |
| S | 3.1 |
| D | 3.1 |
| G | 5.1 |
| Q405 | |
| S | 3.1 |
| D | 2.9 |
| G | 5.1 |
| Q801 | |
| E | 2.7 |
| C | 0 |
| B | 2.1 |
| Q802 | |
| E | 2.7 |
| C | 0 |
| B | 2.1 |
| Q810 | |
| E | 2.0 |
| C | 0 |
| B | 1.4 |
| Q851 | |
| E | 1.6 |
| C | 0 |
| B | 1.0 |
| Q853 | |
| E | 1.9 |
| C | 8.9 |
| B | 2.7 |
| Q854 | |
| E | 2.7 |
| C | 8.9 |
| B | 3.3 |
| Q855 | |
| E | 1.9 |
| C | 0 |
| B | 1.3 |
| Q858 | |
| E | 3.0 |
| C | 9.0 |
| B | 3.7 |
| Q859 | |
| E | 3.6 |
| C | 0 |
| B | 3.0 |
| Q862 | |
| E | 1.0 |
| C | 4.0 |
| B | 1.6 |
| Q863 | |
| E | 3.4 |
| C | 5.0 |
| B | 4.0 |

### [P.2-13 - P.2-14]

| MODE PIN NO. | DC (V) |
|---|---|
| IC201 | |
| 1 | 0.3 |
| 2 | 0.2 |
| 3 | 0 |
| 4 | 0 |
| 5 | 0 |
| 6 | 0 |
| 7 | 6.1 |
| 8 | 0 |
| 9 | 4.9 |
| 10 | 0 |
| 11 | 8.8 |
| 12 | 1.2 |
| 13 | 0 |
| 14 | 0 |
| 15 | 0.1 |
| 16 | 0 |
| 17 | 0 |
| 18 | 0 |
| 19 | 0.6 |
| 20 | 0 |
| 21 | 4.7 |
| 22 | 4.9 |
| 23 | 0 |
| 24 | 2.1 |
| 25 | 1.2 |
| 26 | 2.1 |
| 27 | 0 |
| 28 | 0 |
| 29 | 0.5 |
| 30 | 5.1 |
| IC301 | |
| 1 | 5.0 |
| 2 | 4.8 |
| 3 | 4.9 |
| 4 | 0 |
| 5 | 4.6 |
| 6 | 0 |
| 7 | 4.6 |
| 8 | 4.9 |
| 9 | 4.7 |
| 10 | 0.5 |
| 11 | 4.5 |
| 12 | 4.4 |
| 13 | 0 |
| 14 | 4.6 |
| 15 | 0 |
| 16 | 4.6 |
| 17 | 4.9 |
| 18 | 4.6 |
| 19 | 0.5 |
| 20 | 4.5 |
| 21 | 4.4 |
| 22 | 0 |
| 23 | 4.5 |
| 24 | 4.5 |
| 25 | 0 |
| 26 | 4.4 |
| 27 | 4.4 |
| 28 | 0 |
| 29 | 0 |
| 30 | 4.3 |
| 31 | 8.9 |
| 32 | 4.5 |
| 33 | 4.5 |
| 34 | 0 |
| 35 | 4.5 |
| 36 | 4.5 |
| 37 | 0 |
| 38 | 4.5 |
| 39 | 4.5 |
| 40 | 4.5 |
| 41 | 4.5 |
| 42 | 0 |
| 43 | 4.5 |
| 44 | 4.5 |
| 45 | 0 |
| 46 | 4.5 |
| 47 | 8.9 |
| 48 | 4.7 |
| 49 | 0 |
| 50 | 4.7 |
| 51 | 0 |
| 52 | 4.7 |
| 53 | 0.5 |
| 54 | 4.4 |
| 55 | 4.5 |
| 56 | 0 |
| 57 | 4.6 |
| 58 | 0 |
| 59 | 4.6 |
| 60 | 0 |
| 61 | 4.7 |
| 62 | 0.5 |
| 63 | 4.5 |
| 64 | 4.4 |
| 65 | 0 |
| 66 | 4.6 |
| 67 | 4.6 |
| 68 | 4.6 |
| 69 | 0 |
| 70 | 4.5 |
| 71 | 4.5 |
| 72 | 0 |
| 73 | 5.0 |
| 74 | 4.7 |
| 75 | 1.7 |
| 76 | 4.6 |
| 77 | 0 |
| 78 | 4.4 |
| 79 | 4.4 |
| 80 | 0 |
| Q301 | |
| E | 3.7 |
| C | 8.9 |
| B | 4.5 |
| Q302 | |
| E | 3.7 |
| C | 8.9 |
| B | 4.5 |
| Q303 | |
| E | 3.7 |
| C | 9.0 |
| B | 4.5 |
| Q307 | |
| E | 2.9 |
| C | 0 |
| B | 2.3 |

### [P.2-15 - P.2-16]

| MODE PIN NO. | DC (V) |
|---|---|
| IC6001 | |
| 1 | 8.8 |
| 2 | 4.0 |
| 3 | 0.3 |
| 4 | 0.5 |
| 5 | 4.0 |
| 6 | 4.3 |
| 7 | 0 |
| 8 | 0 |
| 9 | 4.0 |
| 10 | 4.0 |
| 11 | 0.5 |
| 12 | 0.2 |
| 13 | 4.0 |
| 14 | 0 |
| IC6201 | |
| 1 | 15.9 |
| 2 | 2.7 |
| 3 | 12.2 |
| 4 | 2.6 |
| 5 | 0 |
| IC6521 | |
| 1 | 6.1 |
| 2 | 6.2 |
| 3 | 6.1 |
| 4 | 6.1 |
| 5 | 6.1 |
| 6 | 6.2 |
| 7 | 6.2 |
| 8 | 6.2 |
| 9 | 0.9 |
| 10 | 6.2 |
| 11 | 3.1 |
| 12 | 3.0 |
| 13 | 4.8 |
| 14 | 4.8 |
| 15 | 0 |
| 16 | 12.2 |
| 17 | 0 |
| 18 | 0 |
| 19 | 5.9 |
| 20 | 6.2 |
| 21 | 6.1 |
| 22 | 6.2 |
| 23 | 6.2 |
| 24 | 6.2 |
| 25 | 6.2 |
| 26 | 6.1 |
| 27 | 6.1 |
| 28 | 6.2 |
| 29 | 6.2 |
| 30 | 6.1 |
| IC6551 | |
| 1 | 6.2 |
| 2 | 6.1 |
| 3 | 6.1 |
| 4 | 0 |
| 5 | 6.0 |
| 6 | 6.1 |
| 7 | 6.2 |
| 8 | 12.2 |
| IC6552 | |
| 1 | 6.2 |
| 2 | 6.2 |
| 3 | 6.1 |
| 4 | 0 |
| 5 | 6.1 |
| 6 | 6.2 |
| 7 | 6.1 |
| 8 | 12.2 |
| IC6621 | |
| 1 | -9.8 |
| 2 | 0 |
| 3 | 0 |
| 4 | -16.2 |
| 5 | 0 |
| 6 | 0 |
| 7 | -9.8 |
| 8 | 15.2 |
| IC6661 | |
| 1 | -9.8 |
| 2 | -10.1 |
| 3 | 0.2 |
| 4 | 0.2 |
| 5 | 15.9 |
| 6 | 12.0 |
| 7 | 0 |
| 8 | -16.3 |
| 9 | -3.5 |
| 10 | -16.2 |
| 11 | 0 |
| 12 | 12.0 |
| 13 | 15.9 |
| 14 | 0.2 |
| 15 | -3.9 |
| 16 | -10.1 |
| 17 | -9.7 |
| Q6301 | |
| E | 5.3 |
| C | 12.2 |
| B | 6.0 |
| Q6302 | |
| E | 5.3 |
| C | 12.2 |
| B | 6.0 |
| Q6431 | |
| E | 8.9 |
| C | -0.4 |
| B | 8.9 |
| Q6521 | |
| E | 0 |
| C | 0 |
| B | -0.1 |
| Q6522 | |
| E | 0 |
| C | 0 |
| B | 0 |
| Q6523 | |
| E | 0 |
| C | 0 |
| B | 0 |
| Q6531 | |
| E | 0 |
| C | 2.8 |
| B | 0 |
| Q6532 | |
| E | 0 |
| C | 0 |
| B | 0.5 |
| Q6533 | |
| E | 0 |
| C | 0 |
| B | 0.6 |
| Q6534 | |
| E | 0.8 |
| C | 0.7 |
| B | 0 |
| Q6538 | |
| E | 0 |
| C | 0 |
| B | 0 |
| Q6539 | |
| E | 0 |
| C | 0 |
| B | 0 |
| Q6661 | |
| E | 15.9 |
| C | -16.2 |
| B | 15.8 |
| Q6662 | |
| E | -16.3 |
| C | -0.5 |
| B | -16.2 |
| Q6663 | |
| E | 0 |
| C | 15.8 |
| B | 0 |
| Q6673 | |
| E | 11.7 |
| C | -0.1 |
| B | 12.2 |

### [P.2-17 - P.2-18]

| MODE PIN NO. | DC (V) |
|---|---|
| IC902 | |
| 1 | 5.0 |
| 2 | 0 |
| 3 | 3.3 |
| IC903 | |
| 1 | 11.5 |
| 2 | 0 |
| 3 | 9.0 |
| Q902 | |
| E | 5.8 |
| C | 5.2 |
| B | 5.1 |
| Q903 | |
| E | 0 |
| C | 0 |
| B | 0.7 |

## <DIGITAL SIGNAL PWB>

### [P.2-19 - P.2-20]

| MODE PIN NO. | DC (V) |
|---|---|
| IC1502 | - |

### [P.2-21 - P.2-22]

| MODE PIN NO. | DC (V) |
|---|---|
| IC0401 | |
| 1 | 3.3 |
| 2 | 0.3 |
| 3 | 0 |
| 4 | 3.2 |
| 5 | 3.3 |
| Q0101 | - |
| Q0102 | - |
| Q0104 | - |
| Q0107 | - |
| Q0108 | - |
| Q0109 | - |
| Q0110 | - |
| Q0201 | |
| E | 3.0 |
| C | 7.7 |
| B | 3.5 |
| Q0202 | |
| E | 8.4 |
| C | 3.8 |
| B | 7.7 |
| Q0204 | |
| E | 4.5 |
| C | 0 |
| B | 3.8 |
| Q0207 | |
| E | 2.5 |
| C | 0 |
| B | 2.0 |
| Q0208 | |
| E | 1.8 |
| C | 8.9 |
| B | 2.4 |
| Q0209 | |
| 1 | 2.4 |
| 2 | 0 |
| 3 | 2.4 |
| 4 | 2.4 |
| 5 | 0.1 |
| 6 | 2.5 |
| Q0210 | |
| 1 | 0 |
| 2 | 0.5 |
| 3 | 0.6 |
| 4 | 0.1 |
| 5 | 0.6 |
| 6 | 0.1 |
| Q0301 | |
| E | 3.0 |
| C | 7.7 |
| B | 3.7 |
| Q0302 | |
| E | 8.4 |
| C | 3.8 |
| B | 7.7 |
| Q0304 | |
| E | 4.5 |
| C | 0 |
| B | 3.8 |
| Q0307 | |
| E | 2.6 |
| C | 0 |
| B | 0 |
| Q0308 | |
| E | 1.8 |
| C | 8.9 |
| B | 2.4 |
| Q0309 | |
| 1 | 2.4 |
| 2 | 0 |
| 3 | 2.5 |
| 4 | 2.4 |
| 5 | 0 |
| 6 | 2.6 |
| Q0310 | |
| 1 | 0 |
| 2 | 0.6 |
| 3 | 0.6 |
| 4 | 0 |
| 5 | 0.6 |
| 6 | 0.1 |

### [P.2-23 - P.2-24]

| MODE PIN NO. | DC (V) |
|---|---|
| IC1001 | - |
| IC1002 | - |
| IC1003 | - |
| Q1001 | - |
| Q1003 | |
| E | 1.3 |
| C | 2.4 |
| B | 1.9 |
| Q1004 | |
| E | 3.0 |
| C | 9.0 |
| B | 3.6 |
| Q1101 | - |
| Q1103 | 3.9 |
| Q1201 | 8.9 |
| Q1203 | 4.5 |
| Q1301 | |
| E | 3.9 |
| C | 8.9 |
| B | 4.5 |
| Q1303 | |
| E | 2.6 |
| C | 0 |
| B | 1.9 |
| Q1401 | |
| E | 3.9 |
| C | 9.0 |
| B | 4.5 |
| Q1403 | |
| E | 2.6 |
| C | 0 |
| B | 2.0 |

### [P.2-27 - P.2-28]

| MODE PIN NO. | DC (V) |
|---|---|
| IC3001 | - |
| IC3004 | |
| 1 | 3.2 |
| 2 | 3.3 |
| 3 | 0.1 |
| 4 | 0.2 |
| 5 | 0 |
| 6 | 0 |
| 7 | 0.1 |
| 8 | 0 |
| 9 | 0 |
| 10 | 3.5 |
| 11 | 0 |
| 12 | 0 |
| 13 | 0 |
| 14 | 0 |
| 15 | 3.2 |
| 16 | 5.0 |
| IC3005 | |
| 1 | 0 |
| 2 | 0 |
| 3 | 0 |
| 4 | 0 |
| 5 | 3.3 |
| IC3006 | |
| 1 | 3.2 |
| 2 | 0.2 |
| 3 | 0.1 |
| 4 | 0 |
| 5 | 0.1 |
| 6 | 0.2 |
| 7 | 3.3 |
| 8 | 3.3 |
| IC3007 | |
| 1 | 0.3 |
| 2 | 0.2 |
| 3 | 0.4 |
| 4 | 0.2 |
| 5 | 0.1 |
| 6 | 0 |
| 7 | 0.2 |
| 8 | 3.3 |
| IC3008 | - |
| IC3403 | |
| 1 | 0 |
| 2 | 3.3 |
| 3 | 0 |
| 4 | 3.3 |
| IC3501 | |
| 1 | 1.2 |
| 2 | 2.5 |
| 3 | 1.1 |
| 4 | 1.3 |
| 5 | 0 |
| 6 | 1.2 |
| 7 | 1.2 |
| 8 | 2.5 |
| 9 | 1.2 |
| 10 | 1.2 |
| 11 | 0 |
| 12 | 1.2 |
| 13 | 1.3 |
| 14 | 2.5 |
| 15 | 2.5 |
| 16 | 0 |
| 17 | 1.3 |
| 18 | 1.2 |
| 19 | 0 |
| 20 | 1.3 |
| 21 | 1.2 |
| 22 | 2.5 |
| 23 | 0 |
| 24 | 0.3 |
| 25 | 1.8 |
| 26 | 1.7 |
| 27 | 1.8 |
| 28 | 0 |
| 29 | 0.8 |
| 30 | 0.7 |
| 31 | 0.7 |
| 32 | 0.7 |
| 33 | 0.7 |
| 34 | 0 |
| 35 | 2.5 |
| 36 | 0.7 |
| 37 | 0 |
| 38 | 0 |
| 39 | 0.1 |
| 40 | 0.1 |
| 41 | 0.1 |
| 42 | 0.1 |
| 43 | 0.2 |
| 44 | 0.2 |
| 45 | 0.7 |
| 46 | 0 |
| 47 | 0.8 |
| 48 | 0.7 |
| 49 | 0.7 |
| 50 | 0.7 |
| 51 | 0.8 |
| 52 | 0 |
| 53 | 1.7 |
| 54 | 1.3 |
| 55 | 1.2 |
| 56 | 0.4 |
| 57 | 0.4 |
| 58 | 1.3 |
| 59 | 2.4 |
| 60 | 1.2 |
| 61 | 1.0 |
| 62 | 0 |
| 63 | 1.2 |
| 64 | 1.2 |
| 65 | 2.5 |
| 66 | 0 |
| 67 | 2.5 |
| 68 | 1.2 |
| 69 | 1.2 |
| 70 | 0 |
| 71 | 1.2 |
| 72 | 1.2 |
| 73 | 2.5 |
| 74 | 1.2 |
| 75 | 1.2 |
| 76 | 0 |
| 77 | 1.2 |
| 78 | 1.2 |
| 79 | 2.5 |
| 80 | 1.1 |
| 81 | 1.3 |
| 82 | 0 |
| 83 | 1.2 |
| 84 | 1.2 |
| 85 | 0 |
| 86 | 2.5 |
| 87 | 0 |
| 88 | 0 |
| 89 | 0 |
| 90 | 0 |
| 91 | 0 |
| 92 | 0 |
| 93 | 0 |
| 94 | 1.2 |
| 95 | 2.5 |
| 96 | 2.5 |
| 97 | 1.2 |
| 98 | 1.2 |
| 99 | 0 |
| 100 | 1.2 |
| IC3502 | |
| 1 | 1.2 |
| 2 | 2.4 |
| 3 | 1.2 |
| 4 | 1.2 |
| 5 | 0 |
| 6 | 1.2 |
| 7 | 1.2 |
| 8 | 2.5 |
| 9 | 0.1 |
| 10 | 1.2 |
| 11 | 0 |
| 12 | 1.3 |
| 13 | 1.2 |
| 14 | 2.5 |
| 15 | 2.5 |
| 16 | 0 |
| 17 | 1.2 |
| 18 | 1.1 |
| 19 | 0 |
| 20 | 1.2 |
| 21 | 1.2 |
| 22 | 2.5 |
| 23 | 0.4 |
| 24 | 0.4 |
| 25 | 1.8 |
| 26 | 1.8 |
| 27 | 1.8 |
| 28 | 0 |
| 29 | 0.7 |
| 30 | 0.8 |
| 31 | 0.7 |
| 32 | 0.7 |
| 33 | 0.7 |
| 34 | 0.7 |
| 35 | 2.5 |
| 36 | 0.7 |
| 37 | 0 |
| 38 | 0.2 |
| 39 | 0 |
| 40 | 0 |
| 41 | 0 |
| 42 | 0 |
| 43 | 0 |
| 44 | 0 |
| 45 | 0.7 |
| 46 | 0 |
| 47 | 0.8 |
| 48 | 0 |
| 49 | 0.8 |
| 50 | 0.7 |
| 51 | 0.7 |
| 52 | 0 |
| 53 | 1.8 |
| 54 | 1.3 |
| 55 | 1.2 |
| 56 | 0.5 |
| 57 | 0.5 |
| 58 | 1.2 |
| 59 | 2.5 |
| 60 | 1.2 |
| 61 | 1.2 |
| 62 | 0 |
| 63 | 1.3 |
| 64 | 1.2 |
| 65 | 2.6 |
| 66 | 0 |
| 67 | 2.5 |
| 68 | 1.2 |
| 69 | 1.1 |
| 70 | 0 |
| 71 | 1.2 |
| 72 | 1.2 |
| 73 | 2.5 |
| 74 | 1.2 |
| 75 | 1.2 |
| 76 | 0 |
| 77 | 1.1 |
| 78 | 1.2 |
| 79 | 2.5 |
| 80 | 1.2 |
| 81 | 0.5 |
| 82 | 0 |
| 83 | 1.2 |
| 84 | 1.2 |
| 85 | 0 |
| 86 | 2.5 |
| 87 | 0 |
| 88 | 0 |
| 89 | 0 |
| 90 | 0 |
| 91 | 0 |
| 92 | 0 |
| 93 | 0 |
| 94 | 1.2 |
| 95 | 0 |
| 96 | 2.5 |
| 97 | 1.2 |
| 98 | 0 |
| 99 | 0 |
| 100 | 1.2 |
| IC3503 | |
| 1 | 0 |
| 2 | 2.5 |
| 3 | 1.3 |
| 4 | 1.2 |
| 5 | 2.5 |
| 6 | 2.5 |
| 7 | 2.5 |
| 8 | 1.2 |
| Q3001 | - |
| Q3002 | - |
| Q3003 | - |
| Q3004 | - |

### [P.2-29 - P.2-30]

| MODE PIN NO. | DC (V) |
|---|---|
| IC4001 | - |
| IC4003 | - |
| IC4004 | |
| 1 | 0 |
| 2 | 0 |
| 3 | 0 |
| 4 | 0 |
| 5 | 3.3 |
| 6 | 3.3 |
| 7 | 0 |
| 8 | 3.4 |
| IC4005 | |
| 1 | 2.7 |
| 2 | 1.2 |
| 3 | 0 |
| 4 | -0.9 |
| 5 | 3.3 |
| Q4001 | |
| E | 0 |
| C | 0.3 |
| B | 0.7 |

### [P.2-31 - P.2-32]

| MODE PIN NO. | DC (V) |
|---|---|
| IC6502 | - |
| Q6501 | - |
| CN00W | - |
| CN0LV2 | - |

### [P.2-35 - P.2-36]

| MODE PIN NO. | DC (V) |
|---|---|
| IC7601 | |
| 1 | 0.3 |
| 2 | 0.1 |
| 3 | 0 |
| 4 | 0.1 |
| 5 | 0 |
| 6 | 1.2 |
| 7 | 3.6 |
| 8 | 0 |
| 9 | 0 |
| 10 | 0 |
| 11 | 0 |
| 12 | 3.2 |
| 13 | 1.7 |
| 14 | 0 |
| 15 | 1.5 |
| 16 | 3.3 |
| 17 | 0.7 |
| 18 | 1.5 |
| 19 | 3.2 |
| 20 | 3.3 |
| 21 | 0 |
| 22 | 0 |
| 23 | 0 |
| 24 | 0 |
| 25 | 0 |
| 26 | 0 |
| 27 | 0 |
| 28 | 0 |
| 29 | 5.0 |
| 30 | 3.2 |
| 31 | 0 |
| 32 | 0 |
| 33 | 0 |
| 34 | 0 |
| 35 | 0 |
| 36 | 3.3 |
| 37 | 0 |
| 38 | 0 |

| MODE PIN NO. | DC (V) |
|---|---|
| 39 | 0 |
| 40 | 0 |
| 41 | 0 |
| 42 | 0 |
| 43 | 0 |
| 44 | 0 |
| 45 | 0 |
| 46 | 0 |
| 47 | 0 |
| 48 | 3.3 |
| 49 | 3.3 |
| 50 | 0 |
| 51 | 0 |
| 52 | 0 |
| 53 | 0 |
| 54 | 0 |
| 55 | 0 |
| 56 | 0 |
| 57 | 0 |
| 58 | 0 |
| 59 | 0 |
| 60 | 0 |
| 61 | 0 |
| 62 | 3.1 |
| 63 | 0 |
| 64 | 3.3 |
| 65 | 0 |
| 66 | 0 |
| 67 | 0 |
| 68 | 0 |
| 69 | 0 |
| 70 | 0 |
| 71 | 0 |
| 72 | 0 |
| 73 | 0 |
| 74 | 0 |
| 75 | 0 |
| 76 | 0 |
| 77 | 0 |
| 78 | 0 |
| 79 | 0 |
| 80 | 0 |
| 81 | 0 |
| 82 | 0 |
| 83 | 0 |
| 84 | 3.3 |
| 85 | 0 |
| 86 | 3.3 |
| 87 | 3.3 |
| 88 | 3.3 |
| 89 | 0 |
| 90 | 0 |
| 91 | 0 |
| 92 | 0 |
| 93 | 3.3 |
| 94 | 3.3 |
| 95 | 0 |
| 96 | 0.2 |
| 97 | 0.7 |
| 98 | 0 |
| 99 | 5.0 |
| 100 | 2.2 |
| IC7602 | |
| 1 | 0 |
| 2 | 0 |
| 3 | 0 |
| 4 | 0 |
| 5 | 3.3 |
| 6 | 3.3 |
| 7 | 0 |
| 8 | 3.3 |
| IC7603 | |
| 1 | 0 |
| 2 | 0 |
| 3 | 0 |
| 4 | 3.3 |
| 5 | 3.3 |
| IC7607 | |
| 1 | 2.0 |
| 2 | 2.1 |
| 3 | 5.0 |
| 4 | 1.7 |
| 5 | 0 |
| 6 | 5.0 |
| IC7608 | |
| 1 | 2.1 |
| 2 | 2.2 |
| 3 | 5.0 |
| 4 | 1.7 |
| 5 | 0 |
| 6 | 5.0 |
| IC7609 | |
| 1 | 3.3 |
| 2 | 3.3 |
| 3 | 0 |
| 4 | 5.0 |
| 5 | 5.0 |

**[P.2-37 - P.2-38]**

| MODE PIN NO. | DC (V) |
|---|---|
| IC7001 | |
| 1 | 0 |
| 2 | 0 |
| 3 | 0 |
| 4 | 0 |
| 5 | 0 |
| 6 | 0 |
| 7 | 3.3 |
| 8 | 0 |
| 9 | 3.2 |
| 10 | 3.2 |
| 11 | 3.2 |
| 12 | 3.3 |
| 13 | 3.3 |
| 14 | 0 |
| 15 | 3.2 |
| 16 | 3.3 |
| 17 | 3.3 |
| 18 | 0 |
| 19 | 0 |
| 20 | 3.2 |
| 21 | 0 |
| 22 | 3.3 |
| 23 | 1.5 |
| 24 | 1.5 |
| 25 | 3.2 |
| 26 | 3.2 |
| 27 | 0 |
| 28 | 3.3 |
| 29 | 0 |
| 30 | 3.2 |
| 31 | 3.3 |
| 32 | 0 |
| 33 | 0 |
| 34 | 3.3 |
| 35 | 0 |
| 36 | 3.3 |
| 37 | 0 |
| 38 | 3.3 |
| 39 | 0 |
| 40 | 0 |
| 41 | 0 |
| 42 | 0 |
| 43 | 0 |
| 44 | 0 |
| 45 | 1.7 |
| 46 | 0 |
| 47 | 0 |
| 48 | 3.3 |
| 49 | 3.2 |
| 50 | 1.3 |
| 51 | 0 |
| 52 | 0 |
| 53 | 3.3 |
| 54 | 3.2 |
| 55 | 0 |
| 56 | 0 |
| 57 | 3.2 |
| 58 | 3.2 |
| 59 | 0 |
| 60 | 0 |
| 61 | 0 |
| 62 | 0.1 |
| 63 | 0 |
| 64 | 0 |
| 65 | 0 |
| 66 | 3.3 |
| 67 | 3.2 |
| 68 | 0 |
| 69 | 0 |
| 70 | 3.2 |
| 71 | 3.3 |
| 72 | 3.3 |
| 73 | 3.2 |
| 74 | 3.3 |
| 75 | 33.2 |
| 76 | 0 |
| 77 | 3.6 |
| 78 | 0 |
| 79 | 3.3 |
| 80 | 3.1 |
| 81 | 0 |
| 82 | 3.2 |
| 83 | 3.3 |
| 84 | 3.3 |
| 85 | 3.3 |
| 86 | 3.2 |
| 87 | 3.3 |
| 88 | 0 |
| 89 | 3.3 |
| 90 | 3.2 |
| 91 | 0 |
| 92 | 0 |
| 93 | 3.2 |
| 94 | 0 |
| 95 | 3.3 |
| 96 | 0 |

| MODE PIN NO. | DC (V) |
|---|---|
| 97 | 0 |
| 98 | 0 |
| 99 | 3.3 |
| 100 | 3.3 |
| IC7002 | - |
| IC7003 | |
| 1 | 3.2 |
| 2 | 3.1 |
| 3 | 3.3 |
| 4 | 0 |
| 5 | 3.3 |
| 6 | 3.3 |
| 7 | 3.2 |
| 8 | 3.2 |
| IC7401 | |
| 1 | 0 |
| 2 | 3.2 |
| 3 | 0 |
| 4 | 3.3 |
| Q7206 | - |
| Q7207 | - |
| Q7208 | - |

**[P.2-39 - P.2-40]**

| MODE PIN NO. | DC (V) |
|---|---|
| IC9201 | |
| 1 | 6.1 |
| 2 | 24.0 |
| 3 | 1.4 |
| 4 | 0 |
| 5 | 1.2 |
| 6 | 0.9 |
| 7 | 3.1 |
| 8 | 1.0 |

**<CONNECTOR PWB>**
**[P.2-41 - P.2-42]**

| MODE PIN NO. | DC (V) |
|---|---|
| IC4301 | |
| 1 | 4.6 |
| 2 | 4.6 |
| 3 | 4.5 |
| 4 | 0 |
| 5 | 4.5 |
| 6 | 4.5 |
| 7 | 4.6 |
| 8 | 8.9 |
| IC4501 | |
| 1 | 0 |
| 2 | 0.5 |
| 3 | 0.1 |
| 4 | 0 |
| 5 | 0.6 |
| 6 | 0 |
| 7 | 0 |
| 8 | 3.4 |

**<FRONT LED PWB>**
**[P.2-44]**

| MODE PIN NO. | DC (V) |
|---|---|
| IC8752 | |
| 1 | 3.6 |
| 2 | 5.0 |
| 3 | 0 |
| Q8701 | |
| E | 0 |
| C | 5.0 |
| B | 0 |
| Q8702 | |
| E | 5.0 |
| C | -0.2 |
| B | 5.0 |
| Q8703 | |
| E | 0 |
| C | 0 |
| B | 3.2 |
| Q8704 | |
| E | 3.4 |
| C | 3.4 |
| B | 0 |
| Q8705 | |
| E | 0 |
| C | 0 |
| B | 3.2 |
| Q8706 | |
| E | 3.5 |
| C | 3.4 |
| B | 0 |
| Q8707 | |
| E | 3.6 |
| C | 3.5 |
| B | 0 |

| MODE PIN NO. | DC (V) |
|---|---|
| Q8708 | |
| E | 5.0 |
| C | -1.2 |
| B | 4.9 |
| Q8710 | |
| E | 0 |
| C | 2.8 |
| B | 0 |
| Q8711 | |
| E | 0 |
| C | 2.8 |
| B | 0 |
| Q8712 | |
| E | -1.0 |
| C | -0.6 |
| B | 0 |

**<SD CARD PWB>**
**[P.2-45 - P.2-46]**

| MODE PIN NO. | DC (V) |
|---|---|
| IC1001 | |
| 1 | 3.5 |
| 2 | 3.5 |
| 3 | 0 |
| 4 | 3.5 |
| 5 | 0 |
| 6 | 3.4 |
| 7 | 0 |
| 8 | 3.4 |
| 9 | 0 |
| 10 | 3.5 |
| 11 | 0 |
| 12 | 0 |
| 13 | 0 |
| 14 | 3.5 |
| 15 | 0 |
| 16 | 3.4 |
| 17 | 3.4 |
| 18 | 1.7 |
| 19 | 0 |
| 20 | 3.4 |
| 21 | 3.4 |
| 22 | 3.4 |
| 23 | 3.5 |
| 24 | 0 |
| 25 | 0 |
| 26 | 3.4 |
| 27 | 3.4 |
| 28 | 3.5 |
| 29 | 3.5 |
| 30 | 0 |
| 31 | 0 |
| 32 | 0 |
| 33 | 3.5 |
| 34 | 0 |
| 35 | 0 |
| 36 | 1.5 |
| 37 | 1.8 |
| 38 | 0 |
| 39 | 3.5 |
| 40 | 0 |
| 41 | 0 |
| 42 | 0 |
| 43 | 4.9 |
| 44 | 4.9 |
| 45 | 4.9 |
| 46 | 4.9 |
| 47 | 0 |
| 48 | 3.5 |
| CN1101 | |
| 1 | 0 |
| 2 | 3.4 |
| 3 | 4.9 |
| 4 | 0 |
| 5 | 3.1 |
| 6 | 0 |
| 7 | 0 |
| 8 | 0 |

**<POWER PWB>**
**[P.2-47 - P.2-48]**

| MODE PIN NO. | DC (V) |
|---|---|
| IC9141 | |
| 1 | 5.6 |
| 2 | 0 |
| 3 | 4.9 |
| IC9211 | |
| 1 | 2.5 |
| 2 | 2.7 |
| 3 | 0.7 |
| 4 | 0 |
| 5 | 2.6 |
| 6 | 0 |
| 7 | 14.3 |
| 8 | 20.1 |

| MODE PIN NO. | DC (V) |
|---|---|
| Q9021 | |
| E | 0 |
| C | 0 |
| B | 0.7 |
| Q9151 | |
| E | 1.3 |
| C | 0 |
| B | 1.9 |
| Q9152 | |
| E | 0 |
| C | 3.3 |
| B | 0 |
| Q9211 | |
| S | 0 |
| D | 89.0 |
| G | 14.5 |
| Q9212 | |
| E | 0 |
| C | 10.1 |
| B | 0 |
| Q9213 | |
| 1 | 0 |
| 2 | 10.1 |
| 3 | 20.1 |
| 4 | 20.1 |
| 5 | 0 |
| 6 | 0 |
| Q9215 | |
| E | 0 |
| C | 0 |
| B | 0.6 |
| Q9216 | |
| E | 0 |
| C | 10.7 |
| B | 0 |
| Q9251 | |
| E | 0 |
| C | 10.1 |
| B | 0.5 |
| Q9252 | |
| E | 0 |
| C | 0 |
| B | 7.6 |

**[P.2-49 - P.2-50]**

| MODE PIN NO. | DC (V) |
|---|---|
| IC9501 | |
| 4 | 0 |
| 7 | 20.1 |
| 8 | 0 |
| 10 | 5.0 |
| 11 | 1.2 |
| 12 | 4.9 |
| 13 | 3.0 |
| 14 | 0.8 |
| 15 | 4.9 |
| 16 | 1.6 |
| 19 | 233.0 |
| 20 | 231.8 |
| 23 | 373.9 |
| IC9541 | |
| 1 | 2.4 |
| 2 | 0 |
| 3 | 10.8 |
| IC9602 | |
| 1 | 0 |
| 2 | 4.7 |
| 3 | 4.8 |
| 4 | 0 |
| 5 | 0 |
| 6 | 5.2 |
| 7 | 0 |
| 8 | 0 |
| 9 | 0 |
| 10 | 0 |
| 11 | 0 |
| 12 | 0 |
| 13 | 5.2 |
| 14 | 0 |
| 15 | 0 |
| 16 | 0 |
| IC9901 | |
| 1 | 13.1 |
| 2 | 24.0 |
| 3 | 9.0 |
| 4 | 0 |
| 5 | 1.2 |
| 6 | 0.9 |
| 7 | 5.5 |
| 8 | 1.0 |
| IC9931 | |
| 1 | 17.0 |
| 2 | 24.0 |
| 3 | 13.1 |
| 4 | 0 |
| 5 | 1.2 |

| MODE PIN NO. | DC (V) |
|---|---|
| 6 | 1.0 |
| 7 | 5.4 |
| 8 | 1.1 |
| Q9501 | |
| E | 0 |
| C | 0 |
| B | 0.6 |
| Q9502 | |
| S | 0 |
| D | 373.9 |
| G | 0.7 |
| Q9503 | |
| E | 0 |
| C | 0 |
| B | 0.6 |
| Q9504 | |
| S | 22.3 |
| D | 37.5 |
| G | 20.8 |
| Q9506 | |
| E | 0 |
| C | 10.1 |
| B | 0.2 |
| Q9541 | |
| E | 0 |
| C | 0 |
| B | 3.2 |
| Q9602 | |
| E | 10.9 |
| C | 11.5 |
| B | 11.6 |
| Q9603 | |
| E | 0 |
| C | 0 |
| B | 3.2 |
| Q9606 | |
| E | 0 |
| C | 0 |
| B | 0.6 |
| Q9901 | |
| E | 0 |
| C | 0 |
| B | 0.6 |
| Q9931 | |
| E | 0 |
| C | 0 |
| B | 0.6 |
| CN000K | |
| 1 | 0 |
| 2 | 8.9 |
| 3 | 13.1 |
| CN000P | |
| 1 | 24.1 |
| 2 | 24.1 |
| 3 | 24.1 |
| 4 | 24.1 |
| 5 | 24.1 |
| 6 | 0 |
| 7 | 0 |
| 8 | 0 |
| 9 | 0 |
| 10 | 0 |

**<REGULATOR PWB>**
**[P.2-51 - P.2-52]**

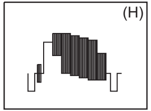
| MODE PIN NO. | DC (V) |
|---|---|
| IC9801 | |
| 1 | 9.6 |
| 2 | 24.0 |
| 3 | 5.1 |
| 4 | 0 |
| 5 | 1.2 |
| 6 | 1.1 |
| 7 | 5.4 |
| 8 | 1.1 |
| IC9821 | |
| 1 | 9.6 |
| 2 | 24.0 |
| 3 | 5.1 |
| 4 | 0 |
| 5 | 1.2 |
| 6 | 0.9 |
| 7 | 4.9 |
| 8 | 0.9 |
| IC9841 | |
| 1 | 7.9 |
| 2 | 24.0 |
| 3 | 3.4 |
| 4 | 0 |
| 5 | 1.2 |
| 6 | 0.9 |
| 7 | 3.2 |
| 8 | 1.1 |

| MODE PIN NO. | DC (V) |
|---|---|
| IC9861 | |
| 1 | 7.2 |
| 2 | 24.0 |
| 3 | 2.8 |
| 4 | 0 |
| 5 | 1.2 |
| 6 | 0.9 |
| 7 | 3.1 |
| 8 | 1.1 |
| IC9881 | |
| 1 | 0 |
| 2 | 4.6 |
| 3 | 3.5 |
| 4 | 0 |
| 5 | 0 |
| 6 | 0 |
| 7 | 0 |
| 8 | 9.2 |
| Q9801 | |
| E | 0 |
| C | 0 |
| B | 0.6 |
| Q9821 | |
| E | 0 |
| C | 0 |
| B | 0.6 |

# WAVEFORMS

RECEIVER PWB
(SHEET1)

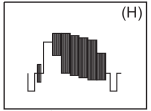
**TU3001-18**



0.9 Vp-p

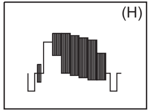
ANALOG SIGNAL PWB (1/5)
(SHEET2)

**IC501-41**



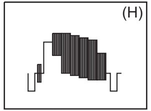
1.9 Vp-p

**IC501-44**



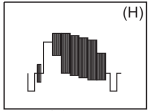
1.9 Vp-p

**IC501-49**



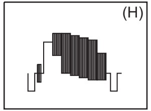
1.9 Vp-p

**IC501-53**



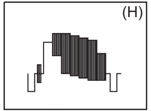
1.9 Vp-p

**IC501-56**



1.9 Vp-p

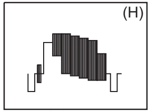
**IC501-63**



0.9 Vp-p

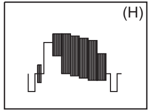
ANALOG SIGNAL PWB (2/5)
(SHEET3)

**IC801-1**



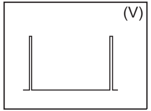
0.9 Vp-p

**IC801-3**



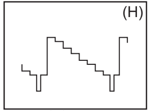
1.8 Vp-p

**IC801-4**



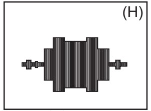
4.8 Vp-p

**IC801-5**



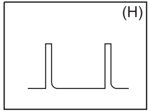
0.8 Vp-p

**IC801-7**



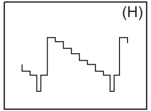
0.3 Vp-p

**IC801-9**



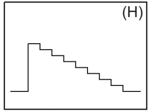
4.5 Vp-p

**IC801-11**



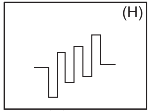
0.8 Vp-p

**IC801-21**



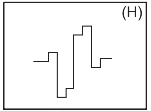
0.5 Vp-p

**IC801-22**



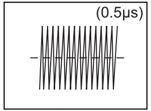
0.6 Vp-p

**IC801-23**



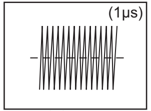
0.6 Vp-p

**IC801-38**



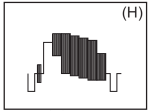
0.3 Vp-p

**IC801-46**



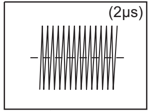
0.8 Vp-p

**IC802-7**



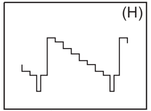
0.9 Vp-p

**IC802-19**



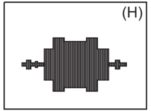
0.5 Vp-p

**IC802-25**



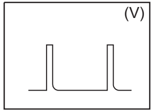
1.6 Vp-p

**IC802-27**



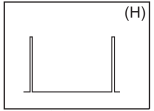
0.7 Vp-p

**CN0012-5**



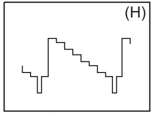
3.0 Vp-p

**CN0012-6**



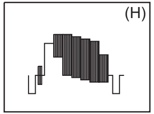
3.0 Vp-p

**CN0012-8**



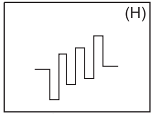
1.6 Vp-p

**CN0012-10**



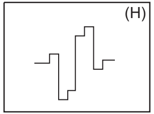
1.9 Vp-p

**CN0012-19**



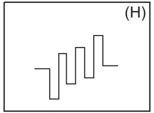
1.4 Vp-p

**CN0012-21**



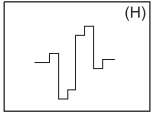
1.4 Vp-p

**CN0012-25**



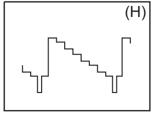
1.4 Vp-p

**CN0012-27**



1.4 Vp-p

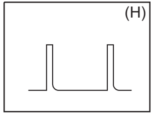
**CN0012-29**



1.6 Vp-p

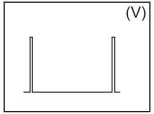
ANALOG SIGNAL PWB (3/5)
(SHEET4)

**IC201-1**



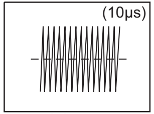
4.5 Vp-p

**IC201-2**



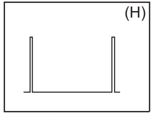
4.8 Vp-p

**IC201-9**



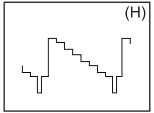
0.2 Vp-p

**IC201-19**



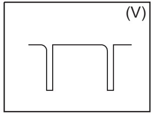
2.9 Vp-p

**IC201-26**



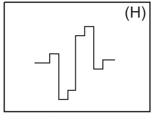
0.8 Vp-p

**IC201-29**



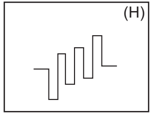
3.0 Vp-p

**IC301-35**



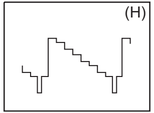
1.4 Vp-p

**IC301-36**



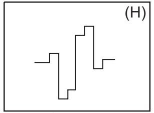
1.4 Vp-p

**IC301-38**



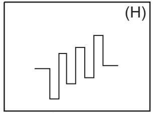
1.6 Vp-p

**IC301-43**



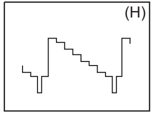
1.4 Vp-p

**IC301-44**



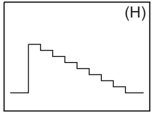
1.4 Vp-p

**IC301-46**



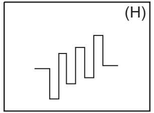
1.6 Vp-p

**IC301-74**



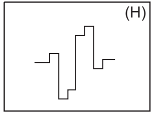
0.6 Vp-p

**IC301-75**



0.6 Vp-p

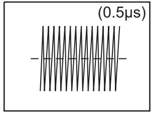
**IC301-76**



0.6 Vp-p

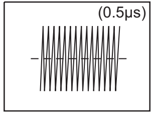
DIGITAL SIGNAL PWB (9/11)
(SHEET16)

**IC7601-13**



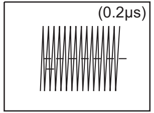
3.4 Vp-p

**IC7601-15**



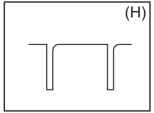
2.3 Vp-p

**IC7601-17**



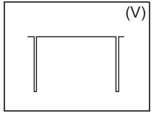
5.0 Vp-p

**IC7601-62**



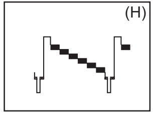
3.2 Vp-p

**IC7601-64**



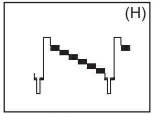
3.3 Vp-p

**IC7601-97**



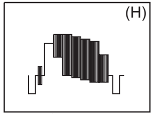
1.9 Vp-p

**IC7601-100**



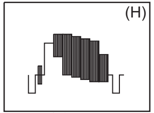
2.0 Vp-p

**IC7607-2**



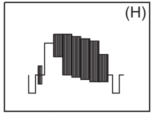
2.4 Vp-p

**IC7607-4**



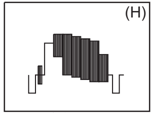
1.0 Vp-p

**IC7608-2**



2.5 Vp-p

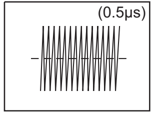
**IC7608-4**



1.0 Vp-p

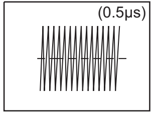
DIGITAL SIGNAL PWB (10/11)
(SHEET17)

**IC7001-23**



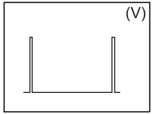
2.4 Vp-p

**IC7001-24**



4.0 Vp-p

**IC7001-78**



3.3 Vp-p

Victor Company of Japan, Limited
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VPT

# PARTS LIST

## CAUTION

- The parts identified by the ⚠ symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

| RESISTORS | | CAPACITORS | |
|---|---|---|---|
| CR | Carbon Resistor | C CAP. | Ceramic Capacitor |
| FR | Fusible Resistor | E CAP. | Electrolytic Capacitor |
| PR | Plate Resistor | M CAP. | Mylar Capacitor |
| VR | Variable Resistor | CH CAP. | Chip Capacitor |
| HV R | High Voltage Resistor | HV CAP. | High Voltage Capacitor |
| MF R | Metal Film Resistor | MF CAP. | Metalized Film Capacitor |
| MG R | Metal Glazed Resistor | MM CAP. | Metalized Mylar Capacitor |
| MP R | Metal Plate Resistor | MP CAP. | Metalized Polystyrol Capacitor |
| OM R | Metal Oxide Film Resistor | PP CAP. | Polypropylene Capacitor |
| CMF R | Coating Metal Film Resistor | PS CAP. | Polystyrol Capacitor |
| UNF R | Non-Flammable Resistor | TF CAP. | Thin Film Capacitor |
| CH V R | Chip Variable Resistor | MPP CAP. | Metalized Polypropylene Capacitor |
| CH MG R | Chip Metal Glazed Resistor | TAN. CAP. | Tantalum Capacitor |
| COMP. R | Composition Resistor | CH C CAP. | Chip Ceramic Capacitor |
| LPTC R | Linear Positive Temperature Coefficient Resistor | BP E CAP. | Bi-Polar Electrolytic Capacitor |
| | | CH AL E CAP. | Chip Aluminum Electrolytic Capacitor |
| | | CH AL BP CAP. | Chip Aluminum Bi-Polar Capacitor |
| | | CH TAN. E CAP. | Chip Tantalum Electrolytic Capacitor |
| | | CH AL BP E CAP. | Chip Tantalum Bi-Polar Electrolytic Capacitor |

| RESISTORS | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| F | G | J | K | M | N | R | H | Z | P |
| ±1% | ±2% | ±5% | ±10% | ±20% | ±30% | +30%<br>-10% | +50%<br>-10% | +80%<br>-20% | +100%<br>-0% |

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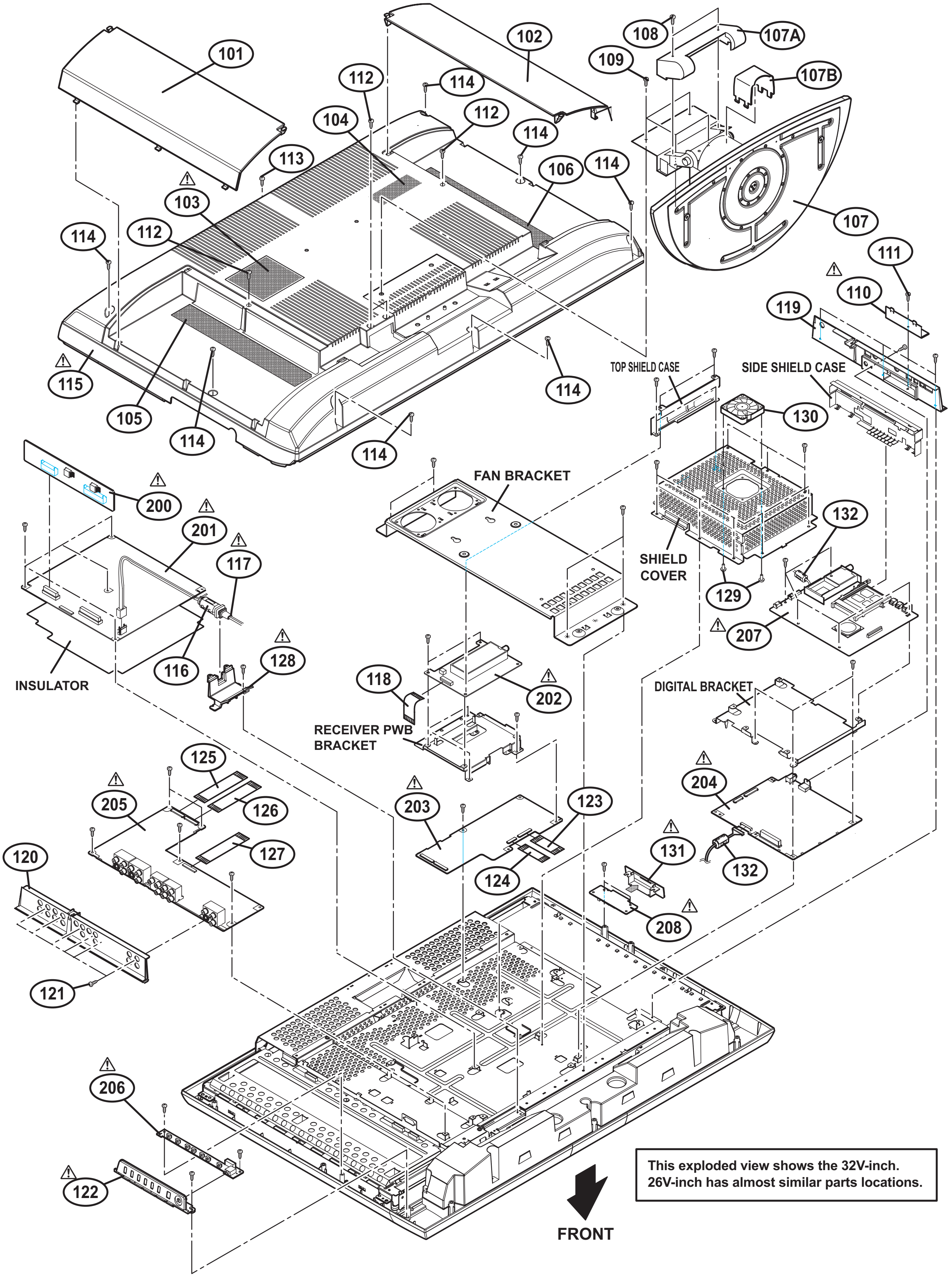
# USING P.W. BOARD & REMOTE CONTROL UNIT

| P.W.B ASS'Y | LT-26X776/KA | LT-32X776/KA | LT-37X776/KA |
|---|---|---|---|
| ANALOG SIGNAL P.W.B | SFL-1121A-M2 | ← | SFL-1122A-M2 |
| CONNECTOR P.W.B | SFL-4121A-M2 | ← | ← |
| FRONT CONTROL P.W.B | SFL-7101A-M2 | ← | ← |
| FRONT LED P.W.B | SFL-8123A-M2 | ← | ← |
| SD CARD P.W.B | SFL-8304A-M2 | ← | ← |
| POWER P.W.B | SFL-9031A-M2 | SFL-9030A-M2 | SFL-9029A-M2 |
| REGULATOR P.W.B | SFL-9131A-M2 | SFL-9130A-M2 | SFL-9129A-M2 |
| DIGITAL SIGNAL P.W.B | SFL0D133A-M2 | SFL0D132A-M2 | SFL0D131A-M2 |
| RECEIVER P.W.B | SFL0F801A-M2 | ← | ← |
| DIGITAL TUNER MODULE P.W.B | SSD-2101A-M2 | ← | ← |
| REMOTE CONTROL UNIT | RM-C14G-1H | ← | ← |

# EXPLODED VIEW PARTS LIST -1 [LT-26X776/KA, LT-32X776/KA]

| ⚠ | Ref.No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|---|
|  | 101 | LC12319-001A-0K | JACK COVER R |  | LT-26X776/KA |
|  | 101 | LC12325-001A-0K | JACK COVER R |  | LT-32X776/KA |
|  | 102 | LC12319-002A-0K | JACK COVER L |  | LT-26X776/KA |
|  | 102 | LC12325-001A-0K | JACK COVER L |  | LT-32X776/KA |
| ⚠ | 103 | LC32830-001A-A | RATING LABEL |  |  |
|  | 104 | LC41424-001A-A | HDMI WARNING |  |  |
|  | 105 | LC33167-002A | OPERATION SHEET |  |  |
|  | 106 | LC33168-002A | OPERATION SHEET |  |  |
|  | 107 | LC42220-001A-C | STAND ASSY | Inc.107A-107B |  |
|  | 107A | T0014-01 | STAND COVER |  |  |
|  | 107B | T0016-02 | CORD COVER |  |  |
|  | 108 | QYSPSPD3016Z | SCREW | M3 x 16mm(x2) |  |
|  | 109 | QYSPSPD5014MA | SCREW | M5 x 14mm(x4) |  |
| ⚠ | 110 | LC32760-001A-HK | SERVICE COVER |  |  |
|  | 111 | QYSBSF3010M | TAP SCREW | M3 x 10mm |  |
|  | 112 | QYSBSF3010M | TAP SCREW | M3 x 10mm(x2) |  |
|  | 113 | QYSPSPD3008M | SCREW | M3 x 8mm |  |
|  | 114 | QYSBSFG4016MA | TAP SCREW | M4 x 16mm(x7) |  |
| ⚠ | 115 | LC12409-002A-0K | REAR COVER |  | LT-26X776/KA |
| ⚠ | 115 | LC12408-002A-0K | REAR COVER |  | LT-32X776/KA |
|  | 116 | QQR0491-001 | FERRITE CORE |  |  |
| ⚠ | 117 | QMPD460-170-JC | POWER CORD(US/CA) | 1.7m BLACK |  |
|  | 118 | QUQ105-4006AL | FFC WIRE | 40pin 6cm |  |
|  | 119 | LC21597-005B-HK | TUNER BASE |  |  |
|  | 120 | LC21596-006A-HK | TERMINAL BASE |  |  |
|  | 121 | QYSBSF3010M | TAP SCREW | M3 x 10mm(x6) |  |
| ⚠ | 122 | LC33196-003A-0K | CONTROL ASSY |  | LT-26X776/KA |
| ⚠ | 122 | LC33196-003B-0K | CONTROL ASSY |  | LT-32X776/KA |
|  | 123 | QUQ105-5004AA | FFC WIRE | 50pin 4cm |  |
|  | 124 | QUQ105-3004AA | FFC WIRE | 30pin 4cm |  |
|  | 125 | QUQ105-5013AE | FFC WIRE | 50pin 13cm | LT-26X776/KA |
|  | 125 | QUQ105-5013AE-E | FFC WIRE | 50pin 13cm | LT-32X776/KA |
|  | 126 | QUQ105-5013AE | FFC WIRE | 50pin 13cm | LT-26X776/KA |
|  | 126 | QUQ105-5013AE-E | FFC WIRE | 50pin 13cm | LT-32X776/KA |
|  | 127 | QUQK12-2106CH-E | FFC WIRE | 21pin 6cm |  |
| ⚠ | 128 | LC21348-001D-HK | POWER CORD HOLDER |  |  |
|  | 129 | LC42223-001A | RIVET | (x2) |  |
|  | 130 | QAR0362-002 | COOLING FAN |  |  |
| ⚠ | 131 | LC33113-003A-HK | CARD BASE |  | LT-26X776/KA |
| ⚠ | 131 | LC33126-002A-HK | CARD BASE |  | LT-32X776/KA |
|  | 132 | QQR0490-001 | NOISE FILTER | (x2) |  |
| ⚠ | 200 | SFL-9131A-M2 | REGULATOR PWB |  | LT-26X776/KA |
| ⚠ | 200 | SFL-9130A-M2 | REGULATOR PWB |  | LT-32X776/KA |
| ⚠ | 201 | SFL-9031A-M2 | POWER PWB |  | LT-26X776/KA |
| ⚠ | 201 | SFL-9030A-M2 | POWER PWB |  | LT-32X776/KA |
| ⚠ | 202 | SFL0F801A-M2 | RECEIVER PWB |  |  |
| ⚠ | 203 | SFL-4121A-M2 | CONNECTOR PWB |  |  |
| ⚠ | 204 | SFL0D133A-M2 | DIGITAL SIGNAL PWB |  | LT-26X776/KA |
| ⚠ | 204 | SFL0D132A-M2 | DIGITAL SIGNAL PWB |  | LT-32X776/KA |
| ⚠ | 205 | SFL-1121A-M2 | ANALOG SIGNAL PWB |  |  |
| ⚠ | 206 | SFL-7101A-M2 | FRONT CONTROL PWB |  |  |
| ⚠ | 207 | SSD-2101A-M2 | DIGITAL TUNER MODULE PWB |  |  |
| ⚠ | 208 | SFL-8304A-M2 | SD CARD PWB |  |  |

# EXPLODED VIEW -1 [LT-26X776/KA, LT-32X776/KA]


101
102
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107A
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107B
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114
104
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113
106
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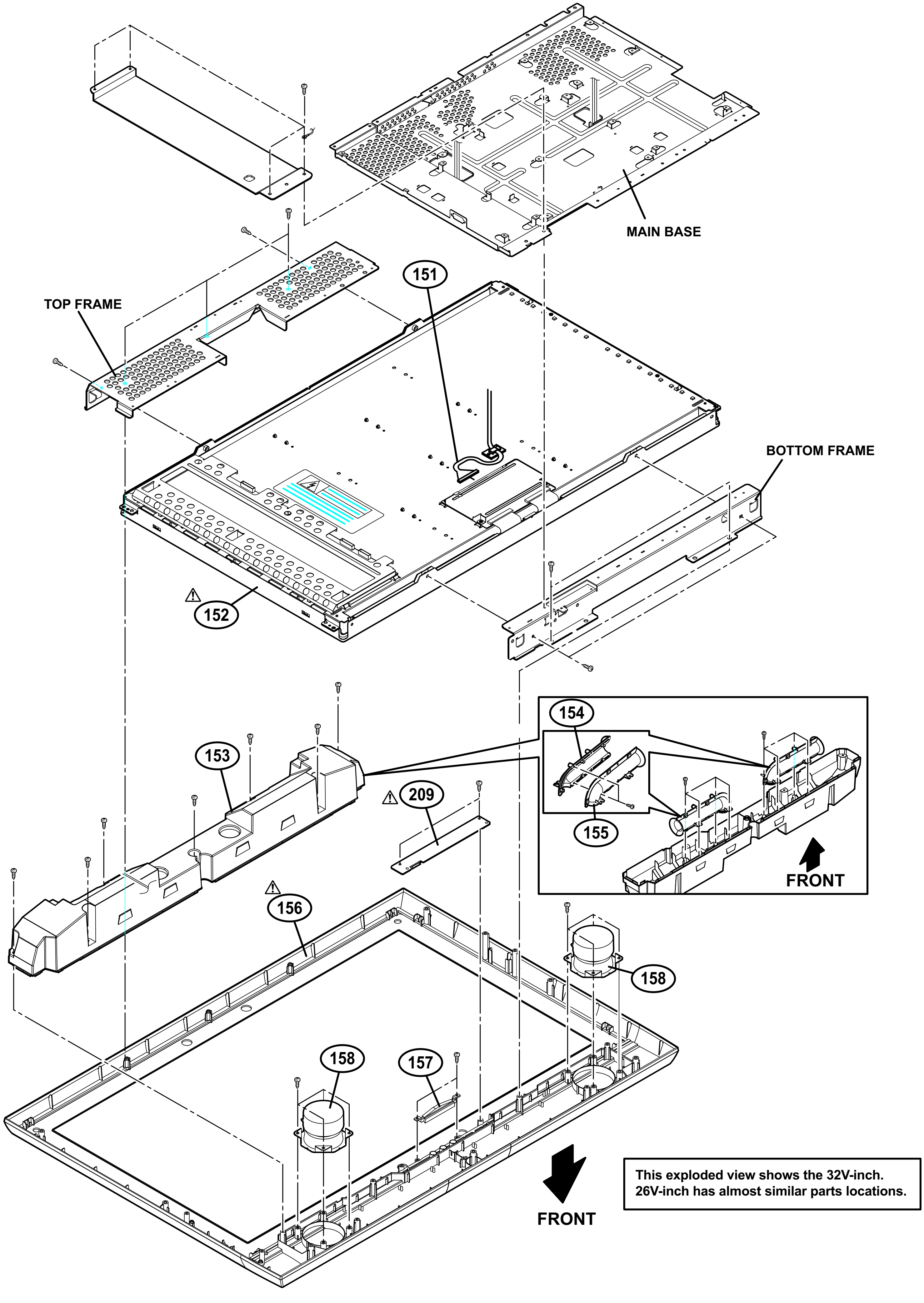
103
107
114
112
111
110
119
115
105
114
114
114
TOP SHIELD CASE
SIDE SHIELD CASE
130
FAN BRACKET
200
201
117
132
SHIELD
COVER
129
207
116
128
INSULATOR
118
202
DIGITAL BRACKET
RECEIVER PWB
BRACKET
125
204
205
126
203
123
120
127
131
124
132
208
121
206
122
FRONT

This exploded view shows the 32V-inch.
26V-inch has almost similar parts locations.

# EXPLODED VIEW PARTS LIST -2 [LT-26X776/KA, LT-32X776/KA]

| ⚠ | Ref.No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|---|
|  | 151 | WJW0021-001A-E | DIGITAL(LVDS) CABLE |  |  |
| ⚠ | 152 | QLD0373-001-JIM | LCD PANEL UNIT |  | LT-26X776/KA |
| ⚠ | 152 | QLD0374-001-JIM | LCD PANEL UNIT |  | LT-32X776/KA |
|  | 153 | LC12253-001E-HK | SPEAKER BOX |  |  |
|  | 154 | LC21340-001C-HK | DUCT COVER | (x2) |  |
|  | 155 | LC21339-001B-HK | DUCT BASE | (x2) |  |
| ⚠ | 156 | LC12314-002A-0K | FRONT PANEL ASSY |  | LT-26X776/KA |
| ⚠ | 156 | LC12321-002A-0K | FRONT PANEL ASSY |  | LT-32X776/KA |
|  | 157 | LC33125-001B-HK | LED LENS |  |  |
|  | 158 | QAS0142-001 | SPEAKER | SP01/SP02(x2) |  |
| ⚠ | 209 | SFL-8123A-M2 | FRONT LED PWB |  |  |

# EXPLODED VIEW -2 [LT-26X776/KA, LT-32X776/KA]

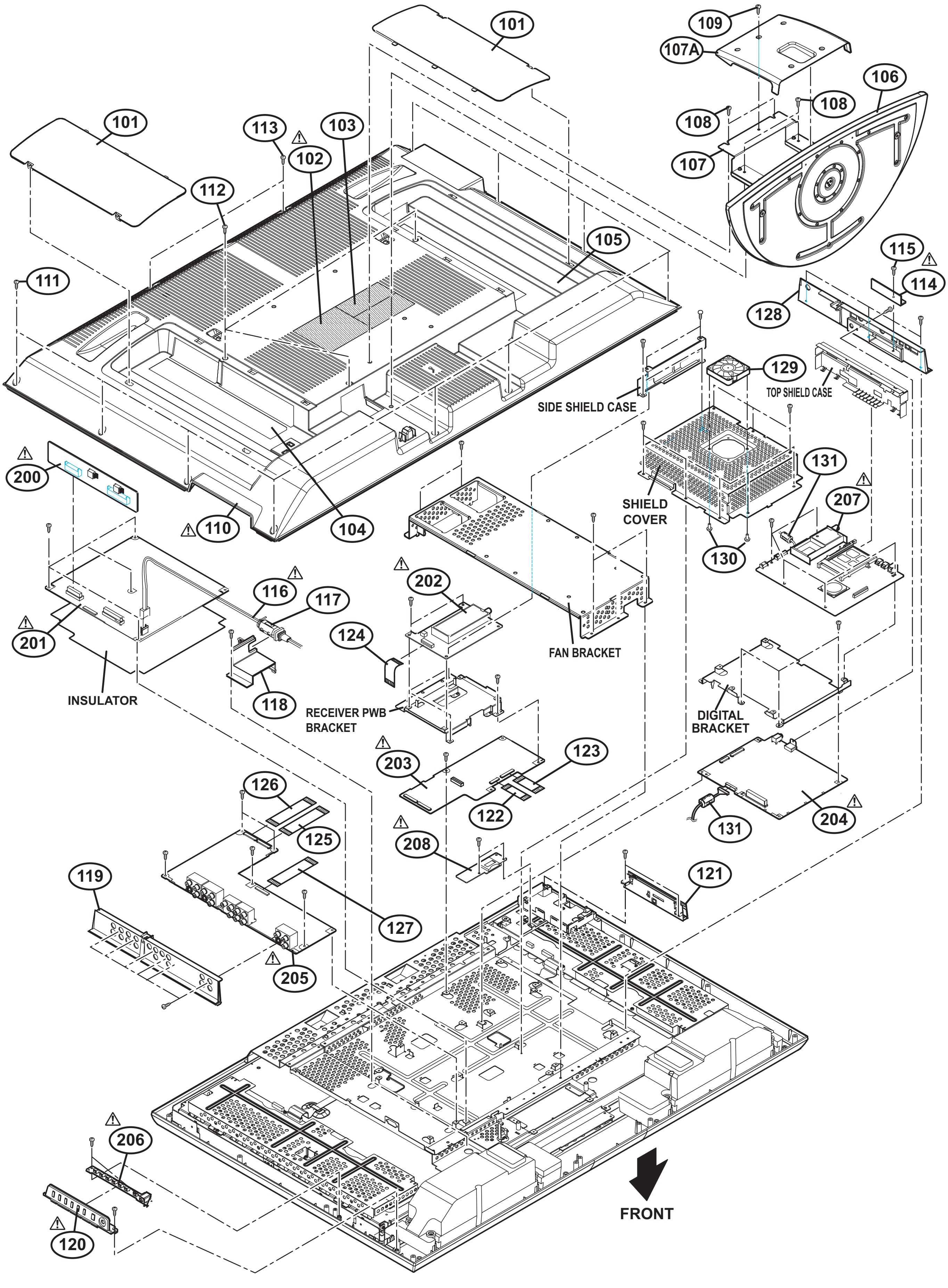

MAIN BASE
151
TOP FRAME
BOTTOM FRAME
152
154
153
209
155
FRONT
156
158
158
157
FRONT

This exploded view shows the 32V-inch.
26V-inch has almost similar parts locations.

# EXPLODED VIEW PARTS LIST -3 [LT-37X776/KA]

| ⚠ | Ref.No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|---|
| | 101 | LC12199-001A-0K | JACK COVER | (x2) | |
| ⚠ | 102 | LC32830-001A-A | RATING LABEL | | |
| | 103 | LC41424-001A-A | HDMI WARNING | | |
| | 104 | LC33167-002A | OPERATION SHEET | | |
| | 105 | LC33168-002A | OPERATION SHEET | | |
| | 106 | LC42289-001A-C | STAND BASE UNIT | | |
| | 107 | LC42292-001A-C | SUPPORT UNIT | | |
| | 107A | T0106-01 | STAND COVER | | |
| | 108 | QYSPSPD5014MA | SCREW | M5 x 14mm(x4) | |
| | 109 | QYSPSPD3020ZA | SCREW | M3 x 20mm | |
| ⚠ | 110 | LC12359-002C-0K | REAR COVER | | |
| | 111 | QYSBSFG4016MA | TAP SCREW | M4 x 16mm(x10) | |
| | 112 | QYSBSF3010M | TAP SCREW | M3 x 10mm(x3) | |
| | 113 | QYSPSPD3006M | SCREW | M3 x 6mm(x2) | |
| ⚠ | 114 | LC32760-001A-HK | SERVICE COVER | | |
| | 115 | QYSBSF3010M | TAP SCREW | M3 x 10mm | |
| ⚠ | 116 | QMPD460-170-JC | POWER CORD(US/CA) | 1.7m BLACK | |
| | 117 | QQR0942-001 | CORE FILTER | | |
| | 118 | LC33103-001A | POWER CORD HOLDER | | |
| | 119 | LC21596-006A-HK | TERMINAL BASE | | |
| ⚠ | 120 | LC33196-003A-0K | CONTROL ASSY | | |
| | 121 | LC33197-004A-0K | CARD BASE | | |
| | 122 | QUQ105-3004AA | FFC WIRE | 30pin 4cm | |
| | 123 | QUQ105-5004AA-E | FFC WIRE | 50pin 4cm | |
| | 124 | QUQ105-4006AL | FFC WIRE | 40pin 6cm | |
| | 125 | QUQ105-5013AE | FFC WIRE | 50pin 13cm | |
| | 126 | QUQ105-5013AE | FFC WIRE | 50pin 13cm | |
| | 127 | QUQK12-2106CH-E | FFC WIRE | 21pin 6cm | |
| | 128 | LC21597-005B-HK | TUNER BASE | | |
| | 129 | QAR0362-002 | COOLING FAN | | |
| | 130 | LC42223-001A | RIVET | (x2) | |
| | 131 | QQR0490-001 | NOISE FILTER | (x2) | |
| ⚠ | 200 | SFL-9129A-M2 | REGULATOR PWB | | |
| ⚠ | 201 | SFL-9029A-M2 | POWER PWB | | |
| ⚠ | 202 | SFL0F801A-M2 | RECEIVER PWB | | |
| ⚠ | 203 | SFL-4121A-M2 | CONNECTOR PWB | | |
| ⚠ | 204 | SFL0D131A-M2 | DIGITAL SIGNAL PWB | | |
| ⚠ | 205 | SFL-1122A-M2 | ANALOG SIGNAL PWB | | |
| ⚠ | 206 | SFL-7101A-M2 | FRONT CONTROL PWB | | |
| ⚠ | 207 | SSD-2101A-M2 | DIGITAL TUNER MODULE PWB | | |
| ⚠ | 208 | SFL-8304A-M2 | SD CARD PWB | | |

# EXPLODED VIEW -3 [LT-37X776/KA]


101
101
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107A
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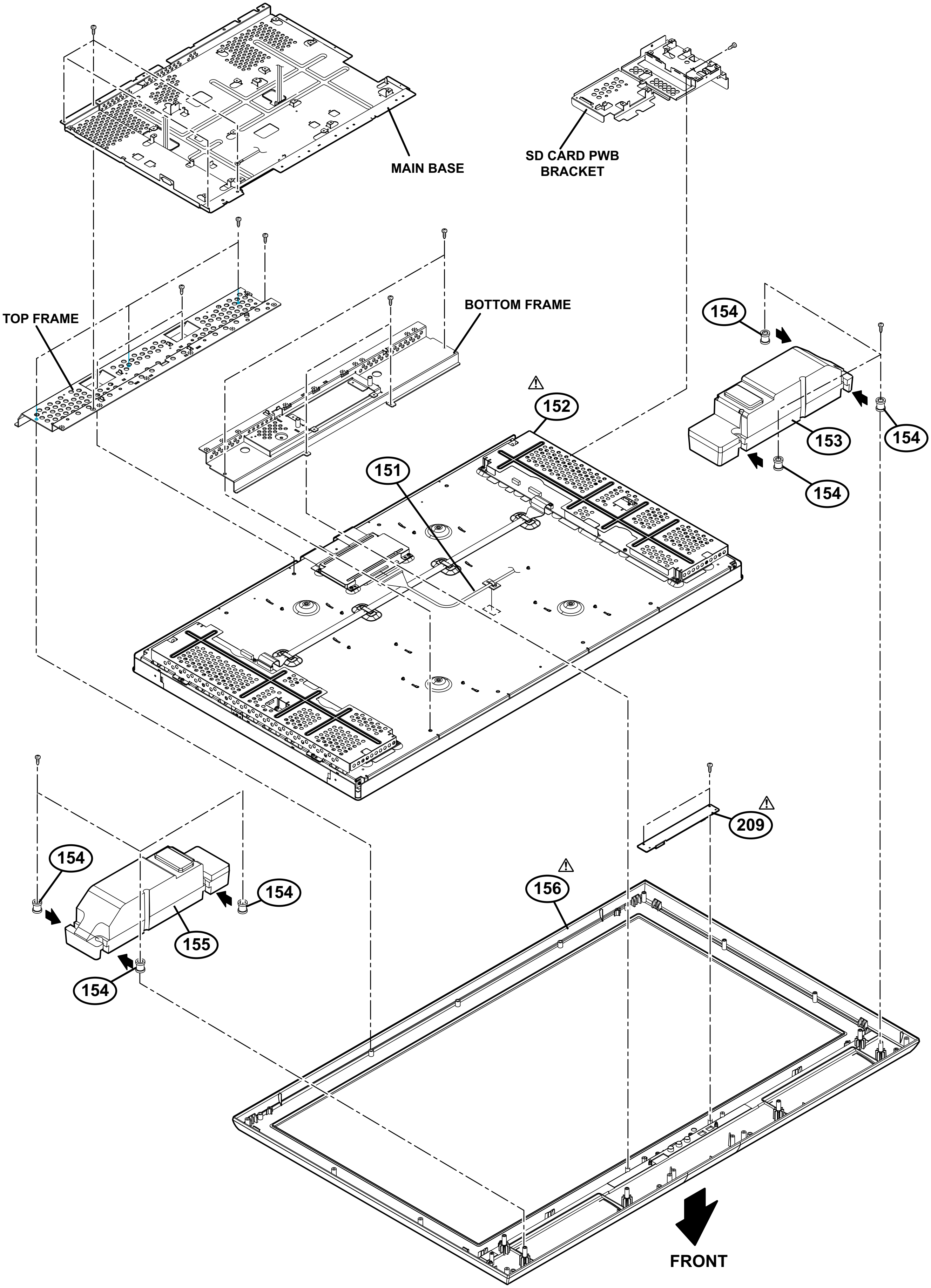
107
113
102
103
112
105
111
115
114
128
129
TOP SHIELD CASE
SIDE SHIELD CASE
200
110
104
SHIELD COVER
131
207
130
202
116
117
201
124
FAN BRACKET
INSULATOR
118
RECEIVER PWB BRACKET
DIGITAL BRACKET
203
123
122
204
131
126
125
208
119
127
121
205
206
120
FRONT

# EXPLODED VIEW PARTS LIST -4 [LT-37X776/KA]

| ⚠ | Ref.No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|---|
|  | 151 | WJW0021-002A-E | DIGITAL(LVDS) CABLE |  |  |
| ⚠ | 152 | QLD0375-001-JIM | LCD PANEL UNIT |  |  |
|  | 153 | LC41913-004A-C | SPEAKER ASSY(L) |  |  |
|  | 154 | LC40226-002A-A | SPACER | (x6) |  |
|  | 155 | LC41913-003A-C | SPEAKER ASSY(R) |  |  |
| ⚠ | 156 | LC12381-002A-0K | FRONT PANEL ASSY |  |  |
| ⚠ | 209 | SFL-8123A-M2 | FRONT LED PWB |  |  |

# EXPLODED VIEW -4 [LT-37X776/KA]


MAIN BASE
SD CARD PWB BRACKET
TOP FRAME
BOTTOM FRAME
154
152
153
154
154
151
209
154
156
154
155
154
FRONT

# PRINTED WIRING BOARD PARTS LIST [LT-26X776/KA]

## ANALOG SIGNAL P.W. BOARD ASS'Y (SFL-1121A-M2)

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| IC201 | TA1370FG-X | IC | | |
| IC301 | AN15852A | IC | | |
| IC501 | CXA2069Q | IC | | |
| IC502 | MM1510XN-X | IC | | |
| IC503 | MM1510XN-X | IC | | |
| IC504 | MM1510XN-X | IC | | |
| IC711 | CXA1875AM-X | IC | | |
| IC801 | TB1274AF | IC | | |
| IC802 | TC90A69AF-X | IC | | |
| IC902 | TA48M033F-X | IC | 3.3V Regulator | |
| IC903 | BA90BC0FP-X | IC | | |
| IC6001 | NJM2777M-X | IC | | |
| IC6201 | PQ20WZ11-X | IC | | |
| IC6521 | NJW1164M-W | IC | | |
| IC6551 | RC4558D-X | IC | | |
| IC6552 | RC4558D-X | IC | | |
| IC6621 | LM393DR-X | IC | | |
| IC6661 | TDA8925ST/N1 | IC | | |
| Q301 | 2SC3837K/NP/-X | TRANSISTOR | | |
| Q302 | 2SC3837K/NP/-X | TRANSISTOR | | |
| Q303 | 2SC3837K/NP/-X | TRANSISTOR | | |
| Q307 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q402 | SSM3K17FU-X | MOS FET | | |
| Q403 | SSM3K17FU-X | MOS FET | | |
| Q404 | SSM3K17FU-X | MOS FET | | |
| Q405 | SSM3K17FU-X | MOS FET | | |
| Q507 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q508 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q509 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q801 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q802 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q810 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q851 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q853 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q854 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q855 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q858 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q859 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q862 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q863 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q902 | 2SC3074/OY/-X | TRANSISTOR | | |
| Q903 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q2051 | UN2226-X | DIGI TRANSISTOR | | |
| Q2052 | UN2226-X | DIGI TRANSISTOR | | |
| Q2055 | UN2110-X | DIGI TRANSISTOR | | |
| Q6301 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q6302 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q6431 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q6521 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q6522 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q6523 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q6531 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q6532 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q6533 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q6534 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q6538 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q6539 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q6661 | UN2112-X | DIGI TRANSISTOR | | |
| Q6662 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q6663 | UN2212-X | DIGI TRANSISTOR | | |
| Q6673 | 2SA1530A/QR/-X | TRANSISTOR | | |
| D901 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| D902 | 1SS355-X | SI DIODE | | |
| D903 | PTZ11B-X | Z DIODE | | |
| D904 | PTZ6.8B-X | Z DIODE | | |
| D905 | MA8030/H/-X | Z DIODE | | |
| D2001 | UDZS10B-X | Z DIODE | | |
| D2002 | UDZS10B-X | Z DIODE | | |
| D2004 | UDZS10B-X | Z DIODE | | |
| D2005 | UDZS10B-X | Z DIODE | | |
| D2006 | UDZS10B-X | Z DIODE | | |
| D2007 | UDZS10B-X | Z DIODE | | |
| D2008 | UDZS10B-X | Z DIODE | | |
| D2010 | UDZS10B-X | Z DIODE | | |
| D2011 | UDZS10B-X | Z DIODE | | |
| D2012 | UDZS10B-X | Z DIODE | | |
| D2013 | UDZS10B-X | Z DIODE | | |
| D2014 | UDZS10B-X | Z DIODE | | |
| D2015 | UDZS10B-X | Z DIODE | | |
| D2016 | UDZS10B-X | Z DIODE | | |
| D2017 | UDZS10B-X | Z DIODE | | |
| D2053 | UDZS10B-X | Z DIODE | | |
| D2054 | UDZS10B-X | Z DIODE | | |
| D2205 | UDZS10B-X | Z DIODE | | |
| D2206 | UDZS10B-X | Z DIODE | | |
| D2207 | UDZS10B-X | Z DIODE | | |
| D6001 | 1SS355-X | SI DIODE | | |
| D6002 | 1SS355-X | SI DIODE | | |
| D6201 | 1SS355-X | SI DIODE | | |
| D6431 | 1SS355-X | SI DIODE | | |
| D6432 | 1SS355-X | SI DIODE | | |
| D6433 | 1SS355-X | SI DIODE | | |
| D6501 | 1SS355-X | SI DIODE | | |
| D6502 | 1SS355-X | SI DIODE | | |
| D6503 | 1SS355-X | SI DIODE | | |
| D6504 | 1SS355-X | SI DIODE | | |
| D6601 | UDZS6.2B-X | Z DIODE | | |
| D6663 | UDZS3.3B-X | Z DIODE | | |
| D6664 | 1SS355-X | SI DIODE | | |
| D6671 | UDZS20B-X | Z DIODE | | |
| D6672 | UDZS20B-X | Z DIODE | | |
| D6673 | UDZS20B-X | Z DIODE | | |
| D6674 | UDZS20B-X | Z DIODE | | |
| D6681 | 1SS355-X | SI DIODE | | |
| D6682 | 1SS355-X | SI DIODE | | |
| D6683 | 1SS355-X | SI DIODE | | |
| DB201 | UDZS3.3B-X | Z DIODE | | |
| C201 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C202 | NEHL1HM-225X | E CAPACITOR | 2.2uF 50V M | |
| C203 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C204 | NELA1AM-157X | E CAPACITOR | 150uF 10V M | |
| C205 | NEH71HM-105X | E CAPACITOR | 1uF 50V M | |
| C206 | NCB21CK-474X | C CAPACITOR | 0.47uF 16V K | |
| C207 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C301 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C302 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C313 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C314 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C315 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C316 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C317 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C318 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C319 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C320 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C321 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M | |
| C322 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C323 | NBZ0010-396X | SP E CAPACITOR | 39uF 16V M | |
| C324 | NCB21CK-105X | C CAPACITOR | 1uF 16V K | |
| C325 | NCB21CK-105X | C CAPACITOR | 1uF 16V K | |
| C326 | NCB21CK-105X | C CAPACITOR | 1uF 16V K | |
| C327 | NCB21CK-105X | C CAPACITOR | 1uF 16V K | |
| C328 | NCB21CK-105X | C CAPACITOR | 1uF 16V K | |
| C329 | NCB21CK-105X | C CAPACITOR | 1uF 16V K | |
| C330 | NCB21CK-105X | C CAPACITOR | 1uF 16V K | |
| C335 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C336 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C337 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C341 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C342 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C343 | NCB21CK-105X | C CAPACITOR | 1uF 16V K | |
| C346 | NCB21CK-105X | C CAPACITOR | 1uF 16V K | |
| C349 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C372 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C382 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C392 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C403 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C404 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C405 | NCB11AK-475X | C CAPACITOR | 4.7uF 10V K | |
| C406 | NCB11AK-475X | C CAPACITOR | 4.7uF 10V K | |
| C501 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C502 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C503 | NENA1EM-106X | BP E CAPACITOR | 10uF 25V M | |
| C505 | NENA1EM-106X | BP E CAPACITOR | 10uF 25V M | |
| C506 | NDC31HJ-270X | C CAPACITOR | 27pF 50V J | |
| C515 | NCB21CK-105X | C CAPACITOR | 1uF 16V K | |
| C516 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M | |
| C518 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M | |
| C519 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M | |
| C520 | NCB21CK-105X | C CAPACITOR | 1uF 16V K | |
| C521 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M | |
| C522 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M | |
| C523 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M | |
| C524 | NCB21CK-105X | C CAPACITOR | 1uF 16V K | |
| C525 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| C526 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M | |
| C527 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M | |
| C541 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C542 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C543 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C544 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C545 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C711 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M | |
| C712 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C801 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C802 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C803 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C804 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C805 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C806 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C807 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C808 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C809 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C813 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C814 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C818 | NEHL1HM-106X | E CAPACITOR | 10uF 50V M | |
| C819 | NDC31HJ-100X | C CAPACITOR | 10pF 50V J | |
| C820 | NCB31AK-474X | C CAPACITOR | 0.47uF 10V K | |
| C821 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C822 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K | |
| C823 | NCB31HK-153X | C CAPACITOR | 0.015uF 50V K | |
| C824 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C825 | NDC31HJ-180X | C CAPACITOR | 18pF 50V J | |
| C826 | NEHL1EM-226X | E CAPACITOR | 22uF 25V M | |
| C827 | NEHL0JM-107X | E CAPACITOR | 100uF 6.3V M | |
| C835 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C850 | NDC31HJ-180X | C CAPACITOR | 18pF 50V J | |
| C851 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C852 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C853 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C854 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C855 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C856 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C857 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C858 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C859 | NCB31AK-474X | C CAPACITOR | 0.47uF 10V K | |
| C860 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C861 | NDC31HJ-681X | C CAPACITOR | 680pF 50V J | |
| C862 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C863 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C864 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C865 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C866 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C868 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C869 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C870 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C872 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C873 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J | |
| C874 | NDC31HJ-150X | C CAPACITOR | 15pF 50V J | |
| C875 | NDC31HJ-100X | C CAPACITOR | 10pF 50V J | |
| C876 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C877 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C878 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C879 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C880 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M | |
| C881 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M | |
| C882 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C883 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C884 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M | |
| C885 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M | |
| C886 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M | |
| C887 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C888 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M | |
| C889 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M | |
| C890 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M | |
| C891 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C892 | NDC31HJ-180X | C CAPACITOR | 18pF 50V J | |
| C894 | NDC31HJ-180X | C CAPACITOR | 18pF 50V J | |
| C895 | NDC31HJ-680X | C CAPACITOR | 68pF 50V J | |
| C901 | NEHM1HM-105X | E CAPACITOR | 1uF 50V M | |
| C904 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C905 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M | |
| C906 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M | |
| C912 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M | |
| C913 | NEX51CM-335X | E CAPACITOR | 3.3uF 16V M | |
| C914 | NEX50JM-156X | E CAPACITOR | 15uF 6.3V M | |
| C915 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M | |
| C916 | NEX50JM-156X | E CAPACITOR | 15uF 6.3V M | |
| C2001 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C2003 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| C2005 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K | |
| C2006 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K | |
| C2007 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C2009 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| C2011 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K | |
| C2012 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K | |
| C2014 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K | |
| C2015 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K | |
| C2016 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C2017 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C2018 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C2019 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C2020 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C2051 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K | |
| C2052 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K | |
| C2055 | NCB31CK-105X | C CAPACITOR | 1uF 16V K | |
| C2204 | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K | |
| C2205 | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K | |
| C2206 | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K | |
| C2213 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K | |
| C2214 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K | |
| C6001 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z | |
| C6002 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z | |
| C6003 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M | |
| C6004 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M | |
| C6005 | NEH71HM-105X | E CAPACITOR | 1uF 50V M | |
| C6006 | NEH71HM-105X | E CAPACITOR | 1uF 50V M | |
| C6007 | QETN1AM-108Z | E CAPACITOR | 1000uF 10V M | |
| C6008 | NEHL1HM-106X | E CAPACITOR | 10uF 50V M | |
| C6009 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z | |
| C6201 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C6202 | NEHL1EM-336X | E CAPACITOR | 33uF 25V M | |
| C6203 | NEHL1EM-336X | E CAPACITOR | 33uF 25V M | |
| C6204 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K | |
| C6205 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C6301 | NENA1CM-475X | BP E CAPACITOR | 4.7uF 16V M | |
| C6302 | NENA1CM-475X | BP E CAPACITOR | 4.7uF 16V M | |
| C6431 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C6505 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M | |
| C6510 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M | |
| C6517 | NDC31HJ-100X | C CAPACITOR | 10pF 50V J | |
| C6518 | NDC31HJ-100X | C CAPACITOR | 10pF 50V J | |
| C6521 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M | |
| C6522 | NCB31HK-332X | C CAPACITOR | 3300pF 50V K | |
| C6523 | NCB31HK-333X | C CAPACITOR | 0.033uF 50V K | |
| C6525 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K | |
| C6526 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6527 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M | |
| C6528 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M | |
| C6529 | NCB31HK-332X | C CAPACITOR | 3300pF 50V K | |
| C6530 | NCB31HK-333X | C CAPACITOR | 0.033uF 50V K | |
| C6532 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K | |
| C6533 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6534 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M | |
| C6535 | NEH71HM-105X | E CAPACITOR | 1uF 50V M | |
| C6536 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6537 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M | |
| C6538 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M | |
| C6539 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6540 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M | |
| C6541 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M | |
| C6542 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M | |
| C6543 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C6544 | NEH71HM-105X | E CAPACITOR | 1uF 50V M | |
| C6545 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C6546 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C6551 | NEH71HM-105X | E CAPACITOR | 1uF 50V M | |
| C6552 | NEH71HM-105X | E CAPACITOR | 1uF 50V M | |
| C6553 | NCB31CK-683X | C CAPACITOR | 0.068uF 16V K | |
| C6554 | NCB31CK-683X | C CAPACITOR | 0.068uF 16V K | |
| C6555 | NCB31CK-683X | C CAPACITOR | 0.068uF 16V K | |
| C6556 | NCB31CK-683X | C CAPACITOR | 0.068uF 16V K | |
| C6557 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C6559 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C6561 | NEH71HM-105X | E CAPACITOR | 1uF 50V M | |
| C6562 | NEHL1HM-225X | E CAPACITOR | 2.2uF 50V M | |
| C6563 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K | |
| C6564 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K | |
| C6567 | NCB11EK-105X | C CAPACITOR | 1uF 25V K | |
| C6568 | NCB11EK-105X | C CAPACITOR | 1uF 25V K | |
| C6585 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M | |
| C6586 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M | |
| C6601 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J | |
| C6602 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J | |
| C6605 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C6606 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C6621 | NCB31HK-332X | C CAPACITOR | 3300pF 50V K | |
| C6622 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K | |
| C6623 | NEHL1EM-226X | E CAPACITOR | 22uF 25V M | |
| C6624 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | |
| C6625 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K | |
| C6626 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | |
| C6627 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| C6628 | NEHL1EM-226X | E CAPACITOR | 22uF 25V M | |
| C6629 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | |
| C6630 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K | |
| C6631 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | |
| C6632 | NCB31HK-332X | C CAPACITOR | 3300pF 50V K | |
| C6661 | NCB11EK-105X | C CAPACITOR | 1uF 25V K | |
| C6662 | NCB11EK-105X | C CAPACITOR | 1uF 25V K | |
| C6663 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C6664 | QETN1HM-226Z | E CAPACITOR | 22uF 50V M | |
| C6665 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C6666 | QETN1HM-226Z | E CAPACITOR | 22uF 50V M | |
| C6667 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C6668 | NDC31HJ-561X | C CAPACITOR | 560pF 50V J | |
| C6669 | QFV21HJ-224Z | MF CAPACITOR | 0.22uF 50V J | |
| C6670 | QFVF1HJ-474Z | MF CAPACITOR | 0.47uF 50V J | |
| C6671 | NCB31HK-153X | C CAPACITOR | 0.015uF 50V K | |
| C6672 | QETN1EM-477Z | E CAPACITOR | 470uF 25V M | |
| C6673 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C6674 | QETN1EM-477Z | E CAPACITOR | 470uF 25V M | |
| C6675 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C6676 | NDC31HJ-561X | C CAPACITOR | 560pF 50V J | |
| C6677 | NDC31HJ-561X | C CAPACITOR | 560pF 50V J | |
| C6678 | QFV21HJ-224Z | MF CAPACITOR | 0.22uF 50V J | |
| C6679 | QFVF1HJ-474Z | MF CAPACITOR | 0.47uF 50V J | |
| C6680 | NCB31HK-153X | C CAPACITOR | 0.015uF 50V K | |
| C6681 | NDC31HJ-561X | C CAPACITOR | 560pF 50V J | |
| C6682 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C6683 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C6684 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C6685 | QETN1EM-477Z | E CAPACITOR | 470uF 25V M | |
| C6687 | QETN1EM-477Z | E CAPACITOR | 470uF 25V M | |
| C6688 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C6693 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| R201 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R202 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R203 | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J | |
| R204 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R207 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R208 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R210 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R211 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R212 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R215 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R217 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R220 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R227 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R228 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R302 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R303 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R334 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R335 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R336 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R372 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R374 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R375 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R382 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R384 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R385 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R392 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R394 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R395 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R402 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R403 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R404 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R405 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R409 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R410 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R414 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R509 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R510 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R511 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R512 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R513 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R514 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R516 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R517 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R518 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R519 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R520 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R521 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R522 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R523 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R524 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R526 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R527 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R528 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R529 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R530 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R531 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R532 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R533 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R534 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R538 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R539 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R540 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R541 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R573 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R574 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R575 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R576 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R577 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R578 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R579 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R580 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R581 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R711 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R713 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R714 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R715 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R716 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R717 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R718 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R719 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R720 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R722 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R801 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R802 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R803 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R804 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R805 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R806 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R807 | NRSA63J-752X | MG RESISTOR | 7.5kΩ 1/16W J | |
| R808 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R809 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R816 | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J | |
| R817 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R818 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R819 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R839 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R840 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R851 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | |
| R852 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | |
| R853 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J | |
| R854 | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J | |
| R855 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R856 | NRSA63J-105X | MG RESISTOR | 1MΩ 1/16W J | |
| R859 | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J | |
| R860 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R861 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R862 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R863 | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J | |
| R864 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | |
| R865 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | |
| R866 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R867 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R869 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R873 | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J | |
| R874 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | |
| R876 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R877 | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J | |
| R879 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R883 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R884 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J | |
| R885 | NRSA63J-123X | MG RESISTOR | 12kΩ 1/16W J | |
| R886 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R887 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R888 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R889 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R893 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R901 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R902 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R903 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J | |
| R904 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R907 | NRS12BJ-0R0W | MG RESISTOR | 0Ω 1/2W J | |
| R908 | NRS12BJ-471W | MG RESISTOR | 470Ω 1/2W J | |
| R2001 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2002 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2003 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2004 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J | |
| R2005 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J | |
| R2006 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2007 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2008 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2009 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J | |
| R2010 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J | |
| R2011 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2012 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R2013 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J | |
| R2051 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2052 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R2053 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R2054 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R2055 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R2056 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R2057 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R2059 | NRSA63J-680X | MG RESISTOR | 68Ω 1/16W J | |
| R2060 | NRSA63J-680X | MG RESISTOR | 68Ω 1/16W J | |
| R2061 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | |
| R2062 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | |
| R2065 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R2066 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R2069 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R2071 | NRSA63J-393X | MG RESISTOR | 39kΩ 1/16W J | |
| R2207 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2208 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2209 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R6001 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R6002 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R6003 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6004 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R6005 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R6006 | QRL039J-330 | OMF RESISTOR | 33Ω 3W J | |
| R6201 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R6202 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R6203 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J | |
| R6204 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R6205 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R6301 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6302 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6303 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6304 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6305 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6306 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6307 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6308 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6309 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6310 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6409 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6431 | NRSA63J-563X | MG RESISTOR | 56kΩ 1/16W J | |
| R6432 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| R6515 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R6516 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R6517 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6518 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R6519 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R6520 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6521 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R6522 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R6523 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| R6524 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R6525 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R6526 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| R6527 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R6528 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R6529 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| R6530 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R6531 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R6532 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| R6533 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6534 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6535 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6536 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6537 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6538 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6539 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6540 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6541 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R6542 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6543 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R6551 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J | |
| R6552 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R6553 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R6554 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J | |
| R6555 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R6556 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R6557 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | |
| R6558 | NRSA63J-184X | MG RESISTOR | 180kΩ 1/16W J | |
| R6559 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | |
| R6560 | NRSA63J-184X | MG RESISTOR | 180kΩ 1/16W J | |
| R6563 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J | |
| R6564 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6567 | NRSA63J-124X | MG RESISTOR | 120kΩ 1/16W J | |
| R6568 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6569 | NRSA63J-823X | MG RESISTOR | 82kΩ 1/16W J | |
| R6577 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J | |
| R6578 | NRSA63J-392X | MG RESISTOR | 3.9kΩ 1/16W J | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R6579 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J | |
| R6580 | NRSA63J-392X | MG RESISTOR | 3.9kΩ 1/16W J | |
| R6601 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6602 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| R6603 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6605 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6606 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| R6607 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6617 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R6621 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6622 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6623 | NRSA63J-392X | MG RESISTOR | 3.9kΩ 1/16W J | |
| R6624 | QRJ146J-102X | UNF C RESISTOR | 1kΩ 1/4W J | |
| R6625 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6626 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J | |
| R6627 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R6629 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R6630 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J | |
| R6631 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6632 | NRSA63J-392X | MG RESISTOR | 3.9kΩ 1/16W J | |
| R6633 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J | |
| R6634 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6661 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6662 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6663 | NRSA63J-393X | MG RESISTOR | 39kΩ 1/16W J | |
| R6664 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6665 | NRSA63J-393X | MG RESISTOR | 39kΩ 1/16W J | |
| R6666 | QRK126J-5R6X | UNF C RESISTOR | 5.6Ω 1/2W J | |
| R6667 | QRK126J-220X | UNF C RESISTOR | 22Ω 1/2W J | |
| R6668 | QRK126J-5R6X | UNF C RESISTOR | 5.6Ω 1/2W J | |
| R6669 | QRK126J-220X | UNF C RESISTOR | 22Ω 1/2W J | |
| R6670 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J | |
| R6671 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6673 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R6674 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6675 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R6676 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6677 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6680 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6684 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R6685 | NRSA63J-563X | MG RESISTOR | 56kΩ 1/16W J | |
| R6686 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J | |
| R6688 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6691 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| RB203 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J | |
| RB801 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| | | | | |
| L201 | NQL914K-101X | COIL | 100uH K | |
| L807 | NQR0499-001X | FERRITE BEADS | | |
| L808 | NQR0499-001X | FERRITE BEADS | | |
| L809 | NQR0499-001X | FERRITE BEADS | | |
| L851 | NQL092K-6R8X | COIL | 6.8uH K | |
| L852 | NQL092K-6R8X | COIL | 6.8uH K | |
| L853 | NQL092K-6R8X | COIL | 6.8uH K | |
| L854 | NQL092M-270X | CHIP P COIL | 27uH M | |
| L855 | NQL904J-560X | COIL | 56uH J | |
| L861 | NQL914K-220X | COIL | 22uH K | |
| L862 | NQL914K-101X | COIL | 100uH K | |
| L863 | NQL914K-101X | COIL | 100uH K | |
| L864 | NQL914K-101X | COIL | 100uH K | |
| L865 | NQL914K-220X | COIL | 22uH K | |
| L866 | NQL914K-220X | COIL | 22uH K | |
| L867 | NQL914K-220X | COIL | 22uH K | |
| L902 | NQL52EM-220X | COIL | 22uH M | |
| L903 | NQL52EM-220X | COIL | 22uH M | |
| L904 | NQL52EM-220X | COIL | 22uH M | |
| L6661 | QQL28AK-560 | COIL | 56uH K | |
| L6662 | QQL28AK-560 | COIL | 56uH K | |
| | | | | |
| CN000H | QGF1201C2-21 | CONNECTOR | FFC/FPC (1-21) | |
| CN0011 | QGF0508F1-50X | CONNECTOR | FFC/FPC (1-50) | |
| CN0012 | QGF0508F1-50X | CONNECTOR | FFC/FPC (1-50) | |
| J2001 | QNZ0726-001 | AV JACK | INPUT-1(S/V/L/R) | |
| J2003 | QNZ0726-001 | AV JACK | INPUT-2(S/V/L/R) | |
| J2004 | QNN0651-001 | PIN JACK | INPUT-3(V/L/R) | |
| J2006 | QNN0650-001 | PIN JACK | INPUT-1(COMPONENT) | |
| J2008 | QNZ0726-001 | AV JACK | MONITOR/REC OUT | |
| J2009 | QNN0652-001 | PIN JACK | DIGITAL IN AUDIO | |
| K6601 | NQR0499-002X | FERRITE BEADS | | |
| K6602 | NQR0499-002X | FERRITE BEADS | | |
| K6661 | NQR0499-002X | FERRITE BEADS | | |
| K6662 | NQR0499-002X | FERRITE BEADS | | |
| K6663 | NQR0499-002X | FERRITE BEADS | | |
| K6664 | NQR0499-002X | FERRITE BEADS | | |
| X201 | QAX0873-001 | C RESONATOR | | |
| X801 | NAX0621-001X | CRYSTAL | 16.200MHz | |

## CONNECTOR P.W. BOARD ASS'Y (SFL-4121A-M2)

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| IC4301 | RC4558D-X | IC | | |
| IC4501 | TC7WH125FU-X | IC | | |
| D4501 | MA8033-X | Z DIODE | | |
| C4211 | QETN0JM-228Z | E CAPACITOR | 2200uF 6.3V M | |
| C4303 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M | |
| C4304 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M | |
| C4305 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C4306 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C4421 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| C4501 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| R4301 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R4302 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R4303 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R4304 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R4305 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R4306 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R4307 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4308 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4405 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4406 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4407 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4408 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4409 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4410 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4411 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4412 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4502 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R4505 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J | |
| R4507 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| CN0001 | QGF0508F1-50X | CONNECTOR | FFC/FPC (1-50) | |
| CN0002 | QGF0508F1-30X | CONNECTOR | FFC/FPC (1-30) | |
| CN000T | QGF0540C1-40X | CONNECTOR | FFC/FPC (1-40) | |
| CN1011 | QGF0508F1-50X | CONNECTOR | FFC/FPC (1-50) | |
| CN1012 | QGF0508F1-50X | CONNECTOR | FFC/FPC (1-50) | |

## FRONT CONTROL P.W. BOARD ASS'Y (SFL-7101A-M2)

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| D7011 | UDZS6.2B-X | Z DIODE | | |
| C7011 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C7012 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| R7011 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R7012 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R7013 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7014 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7015 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7016 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7018 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7701 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R7702 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J | |
| R7703 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R7704 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J | |
| L7001 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L7002 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| J7001 | QMS3004-C01 | H.P.JACK | HEADPHONE | |
| K7001 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| S7701 | QSW1131-001Z | TACT SWITCH | CH- | |
| S7702 | QSW1131-001Z | TACT SWITCH | CH+ | |
| S7703 | QSW1131-001Z | TACT SWITCH | INPUT | |
| S7704 | QSW1131-001Z | TACT SWITCH | MENU | |
| S7705 | QSW1131-001Z | TACT SWITCH | VOL+ | |
| S7706 | QSW1131-001Z | TACT SWITCH | VOL- | |
| S7707 | QSW1131-001Z | TACT SWITCH | POWER | |

## FRONT LED P.W. BOARD ASS'Y (SFL-8123A-M2)

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| IC8752 | GP1UM261RKVF | IR DETECT UNIT | | |
| Q8701 | UN2212-X | DIGI TRANSISTOR | | |
| Q8702 | UN2110-X | DIGI TRANSISTOR | | |
| Q8703 | UN2212-X | DIGI TRANSISTOR | | |
| Q8704 | UN2110-X | DIGI TRANSISTOR | | |
| Q8705 | UN2212-X | DIGI TRANSISTOR | | |
| Q8706 | UN2110-X | DIGI TRANSISTOR | | |
| Q8707 | UN2110-X | DIGI TRANSISTOR | | |
| Q8708 | UN2110-X | DIGI TRANSISTOR | | |
| Q8710 | UN2212-X | DIGI TRANSISTOR | | |
| Q8711 | UN2212-X | DIGI TRANSISTOR | | |
| Q8712 | UN2110-X | DIGI TRANSISTOR | | |
| D8702 | SEL5E20C-T | LED | POWER | |
| D8703 | SEL5920A-T | LED | PROGRAM/TIMER | |
| D8705 | SELU5E20C-T | LED | ILLUMINATION | |
| D8706 | MA8068-X | Z DIODE | | |
| D8707 | MA8068-X | Z DIODE | | |
| D8708 | MA8068-X | Z DIODE | | |
| D8709 | MA8068-X | Z DIODE | | |
| C8752 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| R8711 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R8712 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R8713 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R8714 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R8715 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R8716 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R8717 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R8721 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R8722 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J | |
| R8724 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R8726 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R8755 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |

## SD CARD P.W. BOARD ASS'Y (SFL-8304A-M2)

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| IC1001 | W81386D-G | IC | | |
| C1001 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M | |
| C1002 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C1003 | NDC31HJ-270X | C CAPACITOR | 27pF 50V J | |
| C1004 | NDC31HJ-270X | C CAPACITOR | 27pF 50V J | |
| C1005 | NDC31HJ-150X | C CAPACITOR | 15pF 50V J | |
| C1006 | NDC31HJ-150X | C CAPACITOR | 15pF 50V J | |
| C1007 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C1008 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M | |
| C1009 | NDC31HJ-270X | C CAPACITOR | 27pF 50V J | |
| C1010 | NDC31HJ-270X | C CAPACITOR | 27pF 50V J | |
| C1011 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C1012 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M | |
| R1001 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J | |
| R1003 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J | |
| R1004 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J | |
| R1005 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1006 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R1008 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R1012 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R1027 | NRSA63J-334X | MG RESISTOR | 330kΩ 1/16W J | |
| R1111 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| RA1001 | NRZ0040-473X | NET RESISTOR | 47kΩ 1/16W J x4 | |
| RA1002 | NRZ0040-473X | NET RESISTOR | 47kΩ 1/16W J x4 | |
| L1001 | NQR0506-001X | EMI FILTER | | |
| LC1001 | NQR0415-001X | EMI FILTER | 1uF 10V M | |
| X1001 | NAX0644-001X | CRYSTAL | 6.000000MHz | |

## POWER P.W. BOARD ASS'Y (SFL-9031A-M2)

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| IC9141 | BA50BC0FP-X | IC | | |
| ⚠IC9211 | FA5500AN-W | IC | | |
| IC9501 | F9222L-F219 | IC | | |
| ⚠IC9541 | UTCTL431-T | IC | | |
| IC9602 | M62320FP-X | IC | | |
| IC9901 | MP1593DN-X | IC | | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| IC9931 | MP1593DN-X | IC | | |
| Q9021 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q9151 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q9152 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q9211 | 2SK3522-01-F1 | POWER MOS FET | | |
| Q9212 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q9213 | IMD3A-W | TRANSISTOR | | |
| Q9215 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q9216 | UN2212-X | DIGI TRANSISTOR | | |
| Q9251 | UN2213-X | DIGI TRANSISTOR | | |
| Q9252 | UN2212-X | DIGI TRANSISTOR | | |
| Q9501 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q9502 | 2SK2865-X | POWER MOS FET | | |
| Q9503 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q9504 | 2SK2018-01S-W | POWER MOS FET | | |
| Q9506 | UN2213-X | DIGI TRANSISTOR | | |
| Q9541 | UN2212-X | DIGI TRANSISTOR | | |
| Q9602 | 2SB1188/QR/-W | TRANSISTOR | | |
| Q9603 | UN2212-X | DIGI TRANSISTOR | | |
| Q9606 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q9901 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q9931 | 2SC3928A/QR/-X | TRANSISTOR | | |
| D9001 | MA8047-X | Z DIODE | | |
| D9021 | MA111-X | SI DIODE | | |
| D9111 | S1WB/A/60-4101 | BRIDGE DIODE | | |
| D9151 | MA8024-X | Z DIODE | | |
| ⚠D9201 | D25XB60 | BRIDGE DIODE | | |
| D9202 | MA111-X | SI DIODE | | |
| D9205 | MA3082/M/-X | Z DIODE | | |
| D9211 | YG972S6R | SI DIODE | | |
| D9213 | MA111-X | SI DIODE | | |
| D9214 | MA111-X | SI DIODE | | |
| D9215 | D1FL20U-X | SI DIODE | | |
| D9251 | MA3100/M/-X | Z DIODE | | |
| D9252 | MA111-X | SI DIODE | | |
| D9253 | MA111-X | SI DIODE | | |
| D9254 | D1FL20U-X | SI DIODE | | |
| D9301 | FME-220A | SB DIODE | | |
| D9302 | FME-220A | SB DIODE | | |
| D9501 | MA8220/M/-X | Z DIODE | | |
| D9502 | MA8110/H/-X | Z DIODE | | |
| D9503 | D1FL20U-X | SI DIODE | | |
| D9504 | D1FL20U-X | SI DIODE | | |
| D9505 | MA8220/M/-X | Z DIODE | | |
| D9507 | D1FL20U-X | SI DIODE | | |
| D9508 | UDZS5.6B-X | Z DIODE | 1.5kΩ 1/10W J | |
| D9509 | SD883-04-X | IC | | |
| D9512 | D1FS4-X | SB DIODE | | |
| D9514 | PTZ27B-X | Z DIODE | | |
| D9515 | PTZ27B-X | Z DIODE | | |
| D9542 | FCH20A10 | SB DIODE | | |
| D9543 | FCH20A10 | SB DIODE | | |
| D9546 | FCH20A10 | SB DIODE | | |
| D9609 | MA111-X | SI DIODE | | |
| D9901 | EC30HA04-X | SB DIODE | | |
| D9902 | MA111-X | SI DIODE | | |
| D9903 | EC30HA04-X | SB DIODE | | |
| D9905 | D1FL20U-X | SI DIODE | | |
| D9906 | PTZ11B-X | Z DIODE | | |
| D9907 | MTZJ16B-T2 | Z DIODE | | |
| D9908 | MTZJ16B-T2 | Z DIODE | | |
| D9909 | D1FL20U-X | SI DIODE | | |
| D9932 | EC30HA04-X | SB DIODE | | |
| D9933 | EC30HA04-X | SB DIODE | | |
| D9934 | MA111-X | SI DIODE | | |
| D9935 | PTZ16B-X | Z DIODE | | |
| ⚠C9001 | QFZ9072-105 | MM CAPACITOR | 1uF AC250V K | |
| ⚠C9002 | QFZ9072-105 | MM CAPACITOR | 1uF AC250V K | |
| ⚠C9011 | QCZ9071-471 | C CAPACITOR | 470pF AC400V K | |
| ⚠C9013 | QCZ9071-471 | C CAPACITOR | 470pF AC400V K | |
| ⚠C9101 | QCZ9078-472 | C CAPACITOR | 4700pF AC250V M | |
| ⚠C9102 | QCZ9078-472 | C CAPACITOR | 4700pF AC250V M | |
| ⚠C9103 | QCZ9078-472 | C CAPACITOR | 4700pF AC250V M | |
| C9111 | QEZ0709-106 | E CAPACITOR | 10uF 450V M | |
| C9141 | QECR1CM-477Z | E CAPACITOR | 470uF 16V M | |
| C9142 | QEHR1AM-337Z | E CAPACITOR | 330uF 10V M | |
| C9143 | QEHR1CM-107Z | E CAPACITOR | 100uF 16V M | |
| C9151 | QEHR1HM-226Z | E CAPACITOR | 22uF 50V M | |
| ⚠C9197 | QCZ9071-102 | C CAPACITOR | 1000pF AC400V M | |
| ⚠C9198 | QCZ9071-471 | C CAPACITOR | 470pF AC400V K | |
| ⚠C9201 | QCZ9078-222 | C CAPACITOR | 2200pF AC250V M | |
| ⚠C9203 | QCZ9078-222 | C CAPACITOR | 2200pF AC250V M | |
| ⚠C9204 | QCZ9078-222 | C CAPACITOR | 2200pF AC250V M | |
| ⚠C9205 | QCZ9078-222 | C CAPACITOR | 2200pF AC250V M | |
| C9211 | QFZ0222-105 | MM CAPACITOR | 1uF 450V K | |
| C9212 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C9213 | NCB21CK-105X | C CAPACITOR | 1uF 16V K | |
| C9214 | NDC31HJ-102X | C CAPACITOR | 1000pF 50V J | |
| C9215 | QEHR1VM-476Z | E CAPACITOR | 47uF 35V M | |
| C9216 | QEZ0650-227 | E CAPACITOR | 220uF 450V M | |
| C9218 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C9219 | QCZ0354-331Z | C CAPACITOR | 330pF 2kV K | |
| C9221 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | |
| C9251 | QEHR1HM-107Z | E CAPACITOR | 100uF 50V M | |
| C9252 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C9301 | QECR1EM-687Z | E CAPACITOR | 680uF 25V M | |
| C9302 | QECR1EM-687Z | E CAPACITOR | 680uF 25V M | |
| C9501 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C9502 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C9503 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C9504 | NCB31HK-223X | C CAPACITOR | 0.022uF 50V K | |
| C9505 | NCB31HK-223X | C CAPACITOR | 0.022uF 50V K | |
| C9506 | NCB31HK-331X | C CAPACITOR | 330pF 50V K | |
| C9507 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K | |
| C9508 | NCB11AK-335X | C CAPACITOR | 3.3uF 10V K | |
| C9509 | QEHR1HM-107Z | E CAPACITOR | 100uF 50V M | |
| C9510 | QEHR2AM-107Z | E CAPACITOR | 100uF 100V M | |
| C9511 | QFZ0209-393 | MPP CAPACITOR | 0.039uF | |
| C9512 | QEHR1HM-107Z | E CAPACITOR | 100uF 50V M | |
| C9520 | NCB31HK-331X | C CAPACITOR | 330pF 50V K | |
| C9541 | QECQ1VM-128 | E CAPACITOR | 1200uF 35V M | |
| C9544 | QECQ1VM-128 | E CAPACITOR | 1200uF 35V M | |
| C9545 | QECQ1VM-128 | E CAPACITOR | 1200uF 35V M | |
| C9550 | QECQ1VM-128 | E CAPACITOR | 1200uF 35V M | |
| C9551 | NCB11HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C9552 | NCB31HK-223X | C CAPACITOR | 0.022uF 50V K | |
| C9553 | QEHR1EM-477Z | E CAPACITOR | 470uF 25V M | |
| C9606 | NCB11CK-475X | C CAPACITOR | 4.7uF 16V K | |
| C9609 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K | |
| C9610 | NDC31HJ-680X | C CAPACITOR | 68pF 50V J | |
| C9611 | NDC31HJ-680X | C CAPACITOR | 68pF 50V J | |
| C9614 | NBZ0017-106X | SP E CAPACITOR | 10uF 25V M | |
| C9902 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C9903 | QECR1CM-477Z | E CAPACITOR | 470uF 16V M | |
| C9904 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K | |
| C9907 | NCB31EK-273X | C CAPACITOR | 0.027uF 25V K | |
| C9908 | QEHR2AM-106Z | E CAPACITOR | 10uF 100V M | |
| C9909 | QEHR1HM-106Z | E CAPACITOR | 10uF 50V M | |
| C9912 | QEHR1CM-477Z | E CAPACITOR | 470uF 16V M | |
| C9913 | NCJ41HK-335X-U | CHIP C CAPACITO | | |
| C9914 | QTNC1HM-106Z | E CAPACITOR | 10uF 50V M | |
| C9917 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | |
| C9934 | NCB31EK-273X | C CAPACITOR | 0.027uF 25V K | |
| C9935 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C9936 | NCJ41HK-335X-U | CHIP C CAPACITO | | |
| C9937 | NCJ41HK-335X-U | CHIP C CAPACITO | | |
| C9938 | NCJ41EK-106X-U | C CAPACITOR | 10mF 25V K | |
| C9939 | NCJ41EK-106X-U | C CAPACITOR | 10mF 25V K | |
| ⚠R9001 | QRZ9046-105Z | C RESISTOR | 1MΩ 1/2W K | |
| R9003 | NRS12BJ-223W | MG RESISTOR | 22kΩ 1/2W J | |
| R9004 | NRS12BJ-333W | MG RESISTOR | 33kΩ 1/2W J | |
| R9005 | NRS12BJ-333W | MG RESISTOR | 33kΩ 1/2W J | |
| R9021 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R9022 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R9101 | QRZ0216-4R7 | UNF WW RESISTOR | 4.7Ω 7W K | |
| R9141 | QRX01GJ-1R0 | MF RESISTOR | 1Ω 1W J | |
| R9142 | QRX01GJ-R82 | MF RESISTOR | 0.82Ω 1W J | |
| R9148 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J | |
| R9151 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| R9152 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R9153 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R9154 | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J | |
| R9155 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R9156 | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J | |
| R9157 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| ⚠R9199 | QRZ9046-685Z | C RESISTOR | 6.8MΩ 1/2W K | |
| ⚠R9201 | QRZ9055-8R2 | FUSI RESISTOR | 8.2Ω 2W K | |
| R9203 | NRS12BJ-681W | MG RESISTOR | 680Ω 1/2W J | |
| R9211 | NRS12BJ-474W | MG RESISTOR | 470kΩ 1/2W J | |
| R9212 | NRS12BJ-474W | MG RESISTOR | 470kΩ 1/2W J | |
| R9213 | NRS12BJ-334W | MG RESISTOR | 330kΩ 1/2W J | |
| R9214 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9215 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R9216 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J | |
| R9217 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J | |
| R9218 | NRSA63D-183X | MG RESISTOR | 18kΩ 1/16W D | |
| R9219 | NRS12BJ-223W | MG RESISTOR | 22kΩ 1/2W J | |
| R9220 | QRM059J-R22 | MP RESISTOR | 0.22Ω 5W J | |
| R9221 | QRM059J-R22 | MP RESISTOR | 0.22Ω 5W J | |
| R9222 | NRS181J-824X | MG RESISTOR | 820kΩ 1/8W J | |
| R9223 | NRS181J-824X | MG RESISTOR | 820kΩ 1/8W J | |
| R9224 | NRS181J-824X | MG RESISTOR | 820kΩ 1/8W J | |
| R9225 | NRS12BJ-334W | MG RESISTOR | 330kΩ 1/2W J | |
| R9226 | NRS12BJ-334W | MG RESISTOR | 330kΩ 1/2W J | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R9227 | NRS12BJ-394W | MG RESISTOR | 390kΩ 1/2W J | |
| R9228 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9229 | NRSA63D-274X | MG RESISTOR | 270kΩ 1/16W D | |
| R9233 | NRS181J-0R0X | MG RESISTOR | 0Ω 1/8W J | |
| R9236 | NRS12BJ-474W | MG RESISTOR | 470kΩ 1/2W J | |
| R9237 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9238 | NRS12BJ-220W | MG RESISTOR | 22Ω 1/2W J | |
| R9239 | NRS12BJ-1R0W | MG RESISTOR | 1Ω 1/2W J | |
| R9251 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R9253 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R9254 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R9255 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J | |
| R9256 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J | |
| R9257 | NRS12BJ-102W | MG RESISTOR | 1kΩ 1/2W J | |
| R9301 | QRT039J-1R2 | MF RESISTOR | 1.2Ω 3W J | |
| R9302 | QRT039J-1R2 | MF RESISTOR | 1.2Ω 3W J | |
| R9501 | QRL039J-103 | OMF RESISTOR | 10kΩ 3W J | |
| R9502 | QRL039J-103 | OMF RESISTOR | 10kΩ 3W J | |
| R9503 | NRS181J-824X | MG RESISTOR | 820kΩ 1/8W J | |
| R9504 | NRS181J-824X | MG RESISTOR | 820kΩ 1/8W J | |
| R9505 | NRS181J-824X | MG RESISTOR | 820kΩ 1/8W J | |
| R9506 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R9507 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R9508 | QRT029J-R56 | MF RESISTOR | 0.56Ω 2W J | |
| R9509 | QRM059J-R27 | MP RESISTOR | 0.27Ω 5W J | |
| R9510 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9511 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R9512 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| R9513 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R9514 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R9515 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R9516 | QRT029J-2R2 | MF RESISTOR | 2.2Ω 2W J | |
| R9517 | NRS12BJ-332W | MG RESISTOR | 3.3kΩ 1/2W J | |
| R9518 | QRK126J-271X | UNF C RESISTOR | 270Ω 1/2W J | |
| R9519 | NRSA02J-180X | MG RESISTOR | 18Ω 1/10W J | |
| R9520 | QRE121J-105Y | C RESISTOR | 1MΩ 1/2W J | |
| R9521 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R9525 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| R9526 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J | |
| R9527 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9529 | QRL039J-681 | OMF RESISTOR | 680Ω 3W J | |
| R9536 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9541 | NRSA63J-684X | MG RESISTOR | 680kΩ 1/16W J | |
| R9542 | NRSA02J-103X | MG RESISTOR | 10kΩ 1/10W J | |
| R9543 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9544 | NRSA63D-273X | MG RESISTOR | 27kΩ 1/16W D | |
| R9545 | NRSA63D-682X | MG RESISTOR | 6.8kΩ 1/16W D | |
| R9546 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R9548 | NRSA63D-392X | MG RESISTOR | 3.9kΩ 1/16W D | |
| R9549 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R9552 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9562 | NRS12BJ-223W | MG RESISTOR | 22kΩ 1/2W J | |
| R9563 | NRS12BJ-6R8W | MG RESISTOR | 6.8Ω 1/2W J | |
| R9603 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9615 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R9616 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R9622 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R9623 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R9629 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R9631 | NRSA02J-332X | MG RESISTOR | 3.3kΩ 1/10W J | |
| R9632 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R9635 | NRS12BJ-221W | MG RESISTOR | 220Ω 1/2W J | |
| R9637 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9641 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R9643 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R9657 | NRS12BJ-6R8W | MG RESISTOR | 6.8Ω 1/2W J | |
| R9658 | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J | |
| R9659 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R9660 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R9661 | NRS12BJ-6R8W | MG RESISTOR | 6.8Ω 1/2W J | |
| R9665 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9901 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9902 | NRSA63D-104X | MG RESISTOR | 100kΩ 1/16W D | |
| R9903 | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D | |
| R9904 | NRSA63D-184X | MG RESISTOR | 180kΩ 1/16W D | |
| R9905 | QRK126J-222X | UNF C RESISTOR | 2.2kΩ 1/2W J | |
| R9906 | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J | |
| R9907 | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J | |
| R9908 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J | |
| R9909 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R9913 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9923 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R9933 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9934 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9935 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R9936 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9937 | NRSA63D-224X | MG RESISTOR | 220kΩ 1/16W D | |
| R9938 | NRSA63D-184X | MG RESISTOR | 180kΩ 1/16W D | |
| R9939 | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D | |
| R9940 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J | |
| R9941 | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J | |
| R9942 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9943 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9944 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J | |
| L9141 | NQL52EN-4R7X | COIL | 4.7uH N | |
| L9201 | QQR1662-001 | CHOKE COIL | | |
| L9202 | QQR1513-001 | CHOKE COIL | | |
| L9541 | NQL71EM-150X | COIL | 15uH M | |
| L9542 | NQL52EM-470X | COIL | 47uH M | |
| L9902 | NQR0562-001X | CHOKE COIL | | |
| L9903 | NQR0562-001X | CHOKE COIL | | |
| L9904 | NQL63EM-470X | COIL | 47uH M | |
| L9931 | NQL71EM-470X | COIL | 47uH M | |
| L9932 | NQR0562-001X | CHOKE COIL | | |
| ⚠T9121 | QAL0425-001 | POWER TRANSF | | |
| ⚠T9501 | QQS0347-002 | SW TRANSF | | |
| ⚠T9502 | QQS0347-002 | SW TRANSF | | |
| CN0006 | QGB2501J1-07 | CONNECTOR | B-B (1-7) | |
| ⚠CN0007 | QGB2501J1-10 | CONNECTOR | B-B (1-10) | |
| CN000H | QGF1201C2-21 | CONNECTOR | FFC/FPC (1-21) | |
| ⚠CP9121 | QMFZ052-2R0-E | FUSE | 2A AC250V | |
| ⚠CP9211 | QMFZ043-2R0Z-J1 | FUSE | 2A AC250V | |
| ⚠CP9301 | QMFZ034-5R0Z-J1 | FUSE | 5A 125V | |
| ⚠CP9302 | QMFZ034-5R0Z-J1 | FUSE | 5A 125V | |
| ⚠F9001 | QMF51D2-6R3-J1 | FUSE | 6.3A AC250V | |
| K9001 | QRN143J-0R0X | C RESISTOR | 0Ω 1/4W J | |
| K9111 | NQR0499-001X | FERRITE BEADS | | |
| K9211 | QQR0621-002Z | FERRITE BEADS | | |
| K9212 | QQR0621-002Z | FERRITE BEADS | | |
| K9501 | NQR0499-002X | FERRITE BEADS | | |
| K9502 | NQR0499-002X | FERRITE BEADS | | |
| K9503 | NQR0499-002X | FERRITE BEADS | | |
| K9504 | NQR0499-002X | FERRITE BEADS | | |
| K9505 | NQR0499-002X | FERRITE BEADS | | |
| K9508 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K9509 | NQR0499-002X | FERRITE BEADS | | |
| K9541 | NQR0499-001X | FERRITE BEADS | | |
| ⚠LF9001 | QQR1514-001 | LINE FILTER | | |
| ⚠LF9002 | QQR1514-001 | LINE FILTER | | |
| ⚠LF9003 | QQR1514-001 | LINE FILTER | | |
| ⚠PC9001 | PS2581AL2/QW/-W | PHOTO COUPLER | | |
| ⚠PC9541 | PS2581AL2/QW/-W | PHOTO COUPLER | | |
| ⚠PC9542 | PS2581AL2/QW/-W | PHOTO COUPLER | | |
| ⚠RY9021 | QSK0162-001 | RELAY | | |
| ⚠RY9201 | QSK0163-001 | RELAY | | |
| ⚠VA9001 | QAF0060-621 | VARISTOR | 620V | |

## REGULATOR P.W. BOARD ASS'Y (SFL-9131A-M2)

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| IC9801 | MP1593DN-X | IC | | |
| IC9821 | MP1593DN-X | IC | | |
| IC9841 | MP1593DN-X | IC | | |
| IC9861 | MP1593DN-X | IC | | |
| IC9881 | LM393DR-X | IC | | |
| Q9801 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q9821 | 2SC3928A/QR/-X | TRANSISTOR | | |
| D9802 | EC30HA04-X | SB DIODE | | |
| D9803 | MA111-X | SI DIODE | | |
| D9805 | PTZ6.8B-X | Z DIODE | | |
| D9822 | EC30HA04-X | SB DIODE | | |
| D9823 | PTZ6.8B-X | Z DIODE | | |
| D9824 | MA111-X | SI DIODE | | |
| D9825 | EC30HA04-X | SB DIODE | | |
| D9842 | EC30HA04-X | SB DIODE | | |
| D9843 | PTZ3.9B-X | Z DIODE | | |
| D9861 | MA111-X | SI DIODE | | |
| D9862 | EC30HA04-X | SB DIODE | | |
| D9863 | PTZ3.9B-X | Z DIODE | | |
| D9864 | EC30HA04-X | SB DIODE | | |
| D9881 | UDZS9.1B-X | Z DIODE | | |
| D9882 | MA111-X | SI DIODE | | |
| C9803 | NCJ41HK-335X-U | CHIP C CAPACITO | | |
| C9804 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C9805 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | |
| C9806 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K | |
| C9807 | NCB31HK-332X | C CAPACITOR | 3300pF 50V K | |
| C9810 | NEHM1HM-105X | E CAPACITOR | 1uF 50V M | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| C9821 | NCJ41HK-335X-U | CHIP C CAPACITO | | |
| C9822 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C9823 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C9825 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J | |
| C9826 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K | |
| C9827 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C9830 | NBZ0008-107X | SP E CAPACITOR | 100uF 6.3V M | |
| C9831 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K | |
| C9843 | NCJ41HK-335X-U | CHIP C CAPACITO | | |
| C9844 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C9845 | NDC31HJ-121X | C CAPACITOR | 120pF 50V J | |
| C9846 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K | |
| C9847 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | |
| C9848 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K | |
| C9861 | NCJ41HK-335X-U | CHIP C CAPACITO | | |
| C9862 | NCB31HK-822X | C CAPACITOR | 8200pF 50V K | |
| C9864 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C9865 | NDC31HJ-121X | C CAPACITOR | 120pF 50V J | |
| C9866 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K | |
| C9867 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | |
| C9868 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K | |
| C9881 | NEHM1HM-105X | E CAPACITOR | 1uF 50V M | |
| C9882 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K | |
| C9883 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K | |
| C9884 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K | |
| R9803 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9804 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R9805 | NRVA02D-473X | CMF RESISTOR | 47kΩ 1/10W D | |
| R9806 | NRSA63D-124X | MG RESISTOR | 120kΩ 1/16W D | |
| R9807 | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D | |
| R9808 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R9809 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R9810 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J | |
| R9812 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9821 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9822 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R9823 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R9824 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9825 | NRSA63D-473X | MG RESISTOR | 47kΩ 1/16W D | |
| R9826 | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D | |
| R9827 | NRSA63D-124X | MG RESISTOR | 120kΩ 1/16W D | |
| R9828 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R9829 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R9830 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J | |
| R9831 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9841 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R9843 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9844 | NRSA63J-680X | MG RESISTOR | 68Ω 1/16W J | |
| R9845 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9846 | NRSA63D-223X | MG RESISTOR | 22kΩ 1/16W D | |
| R9847 | NRSA63J-154X | MG RESISTOR | 150kΩ 1/16W J | |
| R9848 | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D | |
| R9849 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9861 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9862 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R9863 | NRSA63J-824X | MG RESISTOR | 820kΩ 1/16W J | |
| R9864 | NRSA63J-680X | MG RESISTOR | 68Ω 1/16W J | |
| R9865 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9866 | NRSA63D-153X | MG RESISTOR | 15kΩ 1/16W D | |
| R9867 | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D | |
| R9868 | NRSA63D-154X | MG RESISTOR | 150kΩ 1/16W D | |
| R9869 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9881 | NRS12BJ-332W | MG RESISTOR | 3.3kΩ 1/2W J | |
| R9882 | NRSA63D-472X | MG RESISTOR | 4.7kΩ 1/16W D | |
| R9883 | NRSA63D-472X | MG RESISTOR | 4.7kΩ 1/16W D | |
| R9884 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R9885 | NRSA63D-273X | MG RESISTOR | 27kΩ 1/16W D | |
| R9886 | NRSA63D-472X | MG RESISTOR | 4.7kΩ 1/16W D | |
| L9802 | NQL98EM-150X | COIL | 15uH M | |
| L9822 | NQL71EM-150X | COIL | 15uH M | |
| L9823 | NQR0562-003X | CHOKE COIL | | |
| L9842 | NQL98EM-150X | COIL | 15uH M | |
| L9862 | NQL98EM-150X | COIL | 15uH M | |
| CN9806 | QGB2501K2-07 | CONNECTOR | B-B (1-7) | |
| CN9807 | QGB2501K2-10 | CONNECTOR | B-B (1-10) | |

## DIGITAL SIGNAL P.W. BOARD ASS'Y (SFL0D133A-M2)

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| IC0401 | SN74AHCT1G32V-X | IC | | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| IC1001 | TC90A92AFG | IC | | |
| IC1002 | MM1572FN-X | IC | | |
| IC1003 | R1141Q151D-X | IC | | |
| IC1502 | NJM2235V-X | IC | | |
| IC3001 | JCC5055 | IC | | |
| IC3004 | TC7MB3257FK-X | IC | | |
| IC3005 | SN74LVC1G08V-X | IC | | |
| IC3006 | SN74LVC2G126T-X | IC | | |
| IC3007 | SN74LVC3G17U-X | IC | | |
| IC3008 | R1170H331B-X | IC | | |
| IC3403 | S-80928CLNB-G-W | IC | | |
| IC3501 | EDD1232AAFA-7A | IC | | |
| IC3502 | EDD1232AAFA-7A | IC | | |
| IC3503 | LP2996MR-X | IC | | |
| IC4001 | JCC5057 | IC | | |
| IC4003 | AT29LE-26X776KA | IC(MICRO C ROM) | | (SERVICE) |
| IC4004 | ATF25626X776K1 | IC | | (SERVICE) |
| IC4005 | SN74LVC1G08V-X | IC | | |
| IC6502 | THC63LVDM83R-W | IC | | |
| IC7001 | MN102H60KPH | IC | | |
| IC7002 | ATF25626X776K2 | IC | | (SERVICE) |
| IC7003 | SN74LVC2G241T-X | IC | | |
| IC7401 | S-80928CLNB-G-W | IC | | |
| IC7601 | M306V7MG-125FP | IC(MCU) | | |
| IC7602 | ATF16-26X776KA | IC | | (SERVICE) |
| IC7603 | SN74LVC1G04V-X | IC | | |
| IC7607 | MM1510XN-X | IC | | |
| IC7608 | MM1510XN-X | IC | | |
| IC7609 | SN74LVC1G08V-X | IC | | |
| IC9201 | MP1593DN-X | IC | | |
| Q0101 | 2SC3837K/NP/-X | TRANSISTOR | | |
| Q0102 | 2SA1022/BC/-X | TRANSISTOR | | |
| Q0104 | 2SA1022/BC/-X | TRANSISTOR | | |
| Q0107 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q0108 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q0109 | HN1C01F/Y/-X | PAIR TRANSISTOR | | |
| Q0110 | HN1C01F/Y/-X | PAIR TRANSISTOR | | |
| Q0201 | 2SC3837K/NP/-X | TRANSISTOR | | |
| Q0202 | 2SA1022/BC/-X | TRANSISTOR | | |
| Q0204 | 2SA1022/BC/-X | TRANSISTOR | | |
| Q0207 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q0208 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q0209 | HN1C01F/Y/-X | PAIR TRANSISTOR | | |
| Q0210 | HN1C01F/Y/-X | PAIR TRANSISTOR | | |
| Q0301 | 2SC3837K/NP/-X | TRANSISTOR | | |
| Q0302 | 2SA1022/BC/-X | TRANSISTOR | | |
| Q0304 | 2SA1022/BC/-X | TRANSISTOR | | |
| Q0307 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q0308 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q0309 | HN1C01F/Y/-X | PAIR TRANSISTOR | | |
| Q0310 | HN1C01F/Y/-X | PAIR TRANSISTOR | | |
| Q1001 | UN2213-X | DIGI TRANSISTOR | | |
| Q1003 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q1004 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q1101 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q1103 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q1201 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q1203 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q1301 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q1303 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q1401 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q1403 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q3001 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q3002 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q3003 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q3004 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q4001 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q6501 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q7206 | UN2213-X | DIGI TRANSISTOR | | |
| Q7207 | UN2113-X | TRANSISTOR | | |
| Q7208 | UN2113-X | TRANSISTOR | | |
| D1001 | EC30HA03L-X | SB DIODE | | |
| D1002 | EC30HA03L-X | SB DIODE | | |
| D2101 | 1SS355-X | SI DIODE | | |
| D7001 | 1SS355-X | SI DIODE | | |
| D7003 | RB501V-40-X | SB DIODE | | |
| D7005 | UDZS8.2B-X | Z DIODE | | |
| D7006 | UDZS8.2B-X | Z DIODE | | |
| D7007 | UDZS8.2B-X | Z DIODE | | |
| D7008 | UDZS8.2B-X | Z DIODE | | |
| D7009 | UDZS8.2B-X | Z DIODE | | |
| D7010 | 1SS355-X | SI DIODE | | |
| D7203 | 1SS355-X | SI DIODE | | |
| D9201 | EC30HA04-X | SB DIODE | | |
| D9203 | PTZ3.9B-X | Z DIODE | | |
| D9204 | 1SS355-X | SI DIODE | | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| C0104 | NDC31HJ-390X | C CAPACITOR | 39pF 50V J | |
| C0105 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J | |
| C0107 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C0109 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C0110 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C0111 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J | |
| C0112 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J | |
| C0113 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C0114 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C0115 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C0116 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C0117 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C0204 | NDC31HJ-390X | C CAPACITOR | 39pF 50V J | |
| C0205 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J | |
| C0207 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C0209 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C0210 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C0211 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J | |
| C0212 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J | |
| C0213 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C0214 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C0215 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C0217 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C0304 | NDC31HJ-390X | C CAPACITOR | 39pF 50V J | |
| C0305 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J | |
| C0307 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C0309 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C0310 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C0311 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J | |
| C0312 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J | |
| C0313 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C0314 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C0315 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C0317 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C0401 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C0519 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C1001 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1004 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1005 | NCB31HK-152X | C CAPACITOR | 1500pF 50V K | |
| C1006 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1009 | NDC31HJ-220X | C CAPACITOR | 22pF 50V J | |
| C1010 | NDC31HJ-180X | C CAPACITOR | 18pF 50V J | |
| C1011 | NDC31HJ-102X | C CAPACITOR | 1000pF 50V J | |
| C1012 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1013 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1014 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1015 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1016 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C1017 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1018 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1019 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1021 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1023 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1025 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1026 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1028 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1029 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1030 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1031 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1032 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1033 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1035 | NDC31HJ-680X | C CAPACITOR | 68pF 50V J | |
| C1037 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C1038 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1039 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1040 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1041 | NCB10JK-106X | C CAPACITOR | 10uF 6.3V K | |
| C1042 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C1043 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1045 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1046 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1047 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1048 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K | |
| C1049 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1050 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K | |
| C1051 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K | |
| C1061 | NDC31HJ-4R0X | C CAPACITOR | 4pF 50V J | |
| C1062 | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M | |
| C1063 | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K | |
| C1064 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1065 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K | |
| C1066 | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M | |
| C1067 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K | |
| C1068 | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M | |
| C1069 | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K | |
| C1071 | NBE20GM-106X | TA E CAPACITOR | 10uF 4V M | |
| C1072 | NBE20GM-106X | TA E CAPACITOR | 10uF 4V M | |
| C1073 | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M | |
| C1074 | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M | |
| C1075 | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M | |
| C1076 | NBE20GM-106X | TA E CAPACITOR | 10uF 4V M | |
| C1077 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M | |
| C1102 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J | |
| C1103 | NDC31HJ-680X | C CAPACITOR | 68pF 50V J | |
| C1104 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C1105 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C1106 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1107 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C1109 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J | |
| C1111 | NRSA63J-681X | MG RESISTOR | 680Ω 1/16W J | |
| C1202 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J | |
| C1203 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J | |
| C1204 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C1205 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C1206 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1209 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J | |
| C1302 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J | |
| C1303 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J | |
| C1304 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J | |
| C1305 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C1306 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1309 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J | |
| C1311 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J | |
| C1402 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J | |
| C1403 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J | |
| C1404 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J | |
| C1405 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C1406 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1409 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J | |
| C1411 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J | |
| C1502 | NCJ41EK-106X-U | C CAPACITOR | 10mF 25V K | |
| C1508 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C1509 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1511 | NRSA63J-105X | MG RESISTOR | 1MΩ 1/16W J | |
| C2036 | NDC31HJ-100X | C CAPACITOR | 10pF 50V J | |
| C2101 | NCB21HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C2102 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K | |
| C3004 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3006 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3008 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3010 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3016 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3018 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3019 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3021 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3022 | NBZ0007-107X | SP E CAPACITOR | 100uF 4V M | |
| C3023 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3025 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C3026 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C3028 | NDC31HJ-221X | C CAPACITOR | 220pF 50V J | |
| C3030 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3031 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3032 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3037 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3040 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3041 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J | |
| C3042 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3043 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J | |
| C3044 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3045 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3047 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3049 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3051 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K | |
| C3052 | NCB31AK-334X | C CAPACITOR | 0.33uF 10V K | |
| C3056 | NCB31AK-334X | C CAPACITOR | 0.33uF 10V K | |
| C3059 | NCB31HK-223X | C CAPACITOR | 0.022uF 50V K | |
| C3060 | NCB31HK-152X | C CAPACITOR | 1500pF 50V K | |
| C3063 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3065 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3066 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3067 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3068 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3069 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3070 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3071 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3072 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3074 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3076 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3097 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C3101 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C3105 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C3107 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C3109 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C3111 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3112 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C3127 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J | |
| C3128 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J | |
| C3129 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| C3406 | NCB31HK-102X | C CAPACITOR | 1000pF 50V K | |
| C3501 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3503 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3506 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C3507 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3508 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3509 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C3511 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3515 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3516 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3517 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3518 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3519 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3524 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3527 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3530 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3531 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3532 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C3533 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C3535 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3539 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3540 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3542 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3543 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3548 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3549 | NBZ0007-107X | SP E CAPACITOR | 100uF 4V M | |
| C3550 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3551 | NBZ0007-107X | SP E CAPACITOR | 100uF 4V M | |
| C3552 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C4002 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C4003 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C4005 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C4006 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C4008 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C4009 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C4010 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C4011 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C4012 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C4013 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C4016 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C4020 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C4022 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C4023 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C4029 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J | |
| C4030 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J | |
| C4031 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C4901 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4902 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4906 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4907 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4908 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4909 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4910 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4913 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4914 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4915 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4916 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4917 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4919 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4920 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4921 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4922 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4923 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4925 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4926 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4931 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4932 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4933 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4934 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4935 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4936 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4937 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4938 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4939 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4940 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4941 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4942 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C6013 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6014 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6015 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6512 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6513 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6514 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6515 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6516 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6520 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6521 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6522 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6523 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| C7001 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C7002 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C7003 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C7006 | NDC31HJ-150X | C CAPACITOR | 15pF 50V J | |
| C7007 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C7012 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C7017 | NDC31HJ-391X | C CAPACITOR | 390pF 50V J | |
| C7018 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C7025 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C7203 | NCB31HK-473X | C CAPACITOR | 0.047uF 50V K | |
| C7401 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C7402 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J | |
| C7403 | NCB31HK-102X | C CAPACITOR | 1000pF 50V K | |
| C7601 | NDC31HJ-102X | C CAPACITOR | 1000pF 50V J | |
| C7602 | NDC31HJ-221X | C CAPACITOR | 220pF 50V J | |
| C7603 | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K | |
| C7607 | NCB31HK-102X | C CAPACITOR | 1000pF 50V K | |
| C7608 | NCB31HK-221X | C CAPACITOR | 220pF 50V K | |
| C7609 | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K | |
| C7610 | NCB31HK-681X | C CAPACITOR | 680pF 50V K | |
| C7611 | NCB31HK-681X | C CAPACITOR | 680pF 50V K | |
| C7612 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| C7613 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| C7614 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C7615 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C7616 | NCB11CK-105X | C CAPACITOR | 1uF 16V K | |
| C7617 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C7618 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C7619 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C7621 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C7622 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C9001 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M | |
| C9002 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M | |
| C9003 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M | |
| C9004 | NCB31HK-102X | C CAPACITOR | 1000pF 50V K | |
| C9005 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| C9006 | NEHL1HM-106X | E CAPACITOR | 10uF 50V M | |
| C9202 | NCJ41HK-335X-U | CHIP C CAPACITO | | |
| C9203 | NCB31EK-393X | C CAPACITOR | 0.039uF 25V K | |
| C9204 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C9205 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K | |
| C9207 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | |
| C9209 | NEZ0022-157X | E CAPACITOR | 150uF 10V M | |
| C9211 | NCB31HK-153X | C CAPACITOR | 0.015uF 50V K | |
| C9212 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | |
| R0105 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0106 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R0107 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R0109 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0110 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0116 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0119 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J | |
| R0121 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0122 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R0125 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R0126 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R0127 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0128 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R0129 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R0131 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0132 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0133 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0134 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0137 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J | |
| R0138 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0140 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R0141 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0205 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0206 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R0207 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R0209 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J | |
| R0210 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0216 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0219 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J | |
| R0220 | NDC31HJ-390X | C CAPACITOR | 39pF 50V J | |
| R0221 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0222 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R0225 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R0226 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0227 | NRSA63J-181X | MG RESISTOR | 180Ω 1/16W J | |
| R0228 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R0229 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R0231 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0232 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0233 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0234 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0237 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J | |
| R0238 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R0240 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R0241 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0305 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0306 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R0307 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R0309 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J | |
| R0310 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0316 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0319 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J | |
| R0320 | NDC31HJ-390X | C CAPACITOR | 39pF 50V J | |
| R0321 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0322 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R0325 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R0326 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0327 | NRSA63J-181X | MG RESISTOR | 180Ω 1/16W J | |
| R0328 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R0329 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R0331 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0332 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0333 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0334 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0337 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J | |
| R0338 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0340 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R0341 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0501 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0502 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0504 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0506 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0507 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0508 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0516 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0517 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0518 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0519 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0520 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1001 | NRSA63J-274X | MG RESISTOR | 270kΩ 1/16W J | |
| R1002 | NRSA63D-101X | MG RESISTOR | 100Ω 1/16W D | |
| R1004 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R1005 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R1006 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1007 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1010 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | |
| R1011 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J | |
| R1012 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J | |
| R1013 | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J | |
| R1014 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1017 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1018 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R1019 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1101 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R1102 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1104 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R1105 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | |
| R1106 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | |
| R1107 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R1108 | NRSA63J-681X | MG RESISTOR | 680Ω 1/16W J | |
| R1113 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J | |
| R1114 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1115 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1201 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R1203 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1204 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R1205 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | |
| R1206 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R1207 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R1213 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J | |
| R1301 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R1303 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1304 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R1305 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | |
| R1306 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R1307 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | |
| R1313 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J | |
| R1401 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R1403 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1404 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R1405 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | |
| R1406 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R1407 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | |
| R1413 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J | |
| R1523 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| R1524 | NRSA63J-474X | MG RESISTOR | 470kΩ 1/16W J | |
| R1525 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1584 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2056 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2057 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2101 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2102 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R2103 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R2104 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2105 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2121 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2122 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2123 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2125 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2128 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2151 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R2153 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2154 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2155 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2157 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R3001 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R3004 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R3006 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3007 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3008 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3009 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3012 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3013 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3014 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3015 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3018 | NRSA02J-3R3X | MG RESISTOR | 3.3Ω 1/10W J | |
| R3019 | NRSA02J-3R3X | MG RESISTOR | 3.3Ω 1/10W J | |
| R3020 | NRSA02J-3R3X | MG RESISTOR | 3.3Ω 1/10W J | |
| R3021 | NRSA63D-102X | MG RESISTOR | 1kΩ 1/16W D | |
| R3022 | NRSA63D-332X | MG RESISTOR | 3.3kΩ 1/16W D | |
| R3023 | NRSA63D-332X | MG RESISTOR | 3.3kΩ 1/16W D | |
| R3024 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3028 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3029 | NRSA63D-392X | MG RESISTOR | 3.9kΩ 1/16W D | |
| R3030 | NRSA63D-102X | MG RESISTOR | 1kΩ 1/16W D | |
| R3031 | NRSA63D-151X | MG RESISTOR | 150Ω 1/16W D | |
| R3032 | NRSA63J-5R6X | MG RESISTOR | 5.6Ω 1/16W J | |
| R3033 | NRSA63J-5R6X | MG RESISTOR | 5.6Ω 1/16W J | |
| R3034 | NRSA63J-5R6X | MG RESISTOR | 5.6Ω 1/16W J | |
| R3036 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3037 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3038 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R3040 | NRSA63J-201X | MG RESISTOR | 200Ω 1/16W J | |
| R3041 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3042 | NRSA63J-201X | MG RESISTOR | 200Ω 1/16W J | |
| R3043 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R3044 | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J | |
| R3045 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3047 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R3048 | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J | |
| R3053 | NRSA63J-272X | MG RESISTOR | 2.7kΩ 1/16W J | |
| R3054 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3056 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3063 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R3064 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R3065 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R3066 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R3069 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3070 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3071 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3072 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3089 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3090 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3091 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3092 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3093 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3094 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3095 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3096 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3097 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3098 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3099 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3100 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3101 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3102 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3103 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3104 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3105 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3106 | NRS144J-0R0X | MG RESISTOR | 0Ω 1/4W J | |
| R3107 | NRS144J-0R0X | MG RESISTOR | 0Ω 1/4W J | |
| R3112 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3114 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3116 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3118 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3120 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3122 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3126 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3151 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3152 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3153 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3155 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R3156 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3157 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3158 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3159 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3160 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3161 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3162 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3163 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3164 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3165 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3166 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3167 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3168 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3169 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R3170 | NRS144J-0R0X | MG RESISTOR | 0Ω 1/4W J | |
| R3171 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3172 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3173 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R3174 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3176 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3177 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3178 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3179 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3180 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3181 | NRS144J-0R0X | MG RESISTOR | 0Ω 1/4W J | |
| R3182 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3183 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3184 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3185 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3186 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3187 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3207 | NRS144J-0R0X | MG RESISTOR | 0Ω 1/4W J | |
| R3502 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3503 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3505 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3507 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3509 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3511 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3514 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3516 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3518 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3520 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3522 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3524 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3525 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3527 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3529 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3531 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3533 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3536 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3538 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3540 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3542 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3544 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R4004 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4005 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4006 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4007 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4008 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R4015 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4016 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4018 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4019 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4023 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R4024 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R4027 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4028 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4035 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4037 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4039 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4041 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4042 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4044 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4046 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4055 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4056 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R4057 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R4058 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R4059 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4060 | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J | |
| R4064 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4065 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4068 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R4101 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4102 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4103 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4104 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4105 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R4106 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R4109 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6025 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6028 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6031 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6034 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6057 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6058 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6060 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6507 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6510 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6512 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6513 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6514 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6515 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6521 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6529 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R6531 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6532 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6533 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6534 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6536 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6538 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6540 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6541 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6542 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6543 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6544 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6545 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6546 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6550 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6551 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6552 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6553 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6554 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6558 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R7001 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7002 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7003 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7004 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7005 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7007 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7008 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7010 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7011 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7014 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7015 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7016 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7017 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7018 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7021 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7022 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7023 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7024 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7029 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7030 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7032 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7037 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7039 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7041 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7042 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7043 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7046 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7048 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7049 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7057 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7058 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7060 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R7064 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7065 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7066 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7067 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J | |
| R7068 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7069 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7070 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7080 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7083 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7085 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7086 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7087 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7088 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7089 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7090 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7093 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7096 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7097 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7098 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R7099 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7100 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7101 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R7104 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7106 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7109 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7112 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7114 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7117 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7118 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7119 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7120 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7132 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7133 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7134 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R7135 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R7136 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7137 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7140 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R7143 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7148 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7149 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7150 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7153 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7158 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7159 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7160 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7161 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7162 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7163 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7214 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7215 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R7216 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7219 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7224 | NRSA63J-683X | MG RESISTOR | 68kΩ 1/16W J | |
| R7401 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7404 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7601 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R7602 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7603 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7604 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7605 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7606 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7607 | NCB31AK-224X | C CAPACITOR | 0.22uF 10V K | |
| R7608 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R7609 | NRSA63J-272X | MG RESISTOR | 2.7kΩ 1/16W J | |
| R7610 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7611 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7612 | NCB31AK-224X | C CAPACITOR | 0.22uF 10V K | |
| R7613 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R7614 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R7615 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7656 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7657 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7658 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R7659 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R7660 | NRSA63J-105X | MG RESISTOR | 1MΩ 1/16W J | |
| R7661 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R7664 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R7666 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7680 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7681 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7685 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R7686 | NRSA63J-105X | MG RESISTOR | 1MΩ 1/16W J | |
| R7688 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7689 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7690 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7691 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| R9201 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R9202 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9204 | NRSA63D-272X | MG RESISTOR | 2.7kΩ 1/16W D | |
| R9205 | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D | |
| R9206 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R9207 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9208 | NRSA63J-105X | MG RESISTOR | 1MΩ 1/16W J | |
| R9209 | NRSA63J-680X | MG RESISTOR | 68Ω 1/16W J | |
| R9210 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| RA1001 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA1002 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA1003 | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J x4 | |
| RA1004 | NRZ0080-0R0X | NET RESISTOR | 0Ω 1/16W J | |
| RA1005 | NRZ0080-0R0X | NET RESISTOR | 0Ω 1/16W J | |
| RA1006 | NRZ0040-0R0X | NET RESISTOR | 0Ω 1/16W J x4 | |
| RA2012 | NRZ0080-0R0X | NET RESISTOR | 0Ω 1/16W J | |
| RA2013 | NRZ0080-0R0X | NET RESISTOR | 0Ω 1/16W J | |
| RA2015 | NRZ0080-0R0X | NET RESISTOR | 0Ω 1/16W J | |
| RA2016 | NRZ0080-0R0X | NET RESISTOR | 0Ω 1/16W J | |
| RA3002 | NRZ0034-103W | NET RESISTOR | 10kΩ 1/32W J x4 | |
| RA3004 | NRZ0034-103W | NET RESISTOR | 10kΩ 1/32W J x4 | |
| RA3013 | NRZ0034-220W | NET RESISTOR | 22Ω 1/32W J x4 | |
| RA3014 | NRZ0034-220W | NET RESISTOR | 22Ω 1/32W J x4 | |
| RA3015 | NRZ0034-220W | NET RESISTOR | 22Ω 1/32W J x4 | |
| RA3016 | NRZ0034-220W | NET RESISTOR | 22Ω 1/32W J x4 | |
| RA3018 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3020 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3022 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3023 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3024 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3025 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3026 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3028 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3030 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3032 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3502 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3506 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3508 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3512 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3516 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3518 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3521 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3523 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3526 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3530 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3531 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3536 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3540 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3542 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3545 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3547 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA4007 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J x4 | |
| RA4008 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J x4 | |
| RA4009 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J x4 | |
| RA4010 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J x4 | |
| RA4011 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J x4 | |
| RA4012 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J x4 | |
| RA4013 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| RA4014 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| RA4015 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| RA6001 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| RA6515 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| RA7007 | NRZ0040-0R0X | NET RESISTOR | 0Ω 1/16W J x4 | |
| RA7601 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| RA7602 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| RA7603 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| RA7604 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| RA7605 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| RB7605 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| RB7614 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| RB7615 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L0101 | NQL092K-R68X | COIL | 0.68uH K | |
| L0201 | NQL092K-R68X | COIL | 0.68uH K | |
| L0301 | NQL092K-R68X | COIL | 0.68uH K | |
| L0304 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L0401 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L1001 | NQR0489-002X | FERRITE BEADS | | |
| L1002 | NQR0489-002X | FERRITE BEADS | | |
| L1003 | NQL092K-1R5X | CHIP P COIL | 1.5uH K | |
| L1004 | NQR0489-002X | FERRITE BEADS | | |
| L1005 | NQR0489-002X | FERRITE BEADS | | |
| L1006 | NQR0489-002X | FERRITE BEADS | | |
| L1008 | NQL79GM-220X | COIL | 22uH M | |
| L1010 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L1011 | NQL79GM-470X | COIL | 47uH M | |
| L1101 | NQL092K-6R8X | COIL | 6.8uH K | |
| L1102 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L1103 | NQL093K-1R0X | P COIL | 1uH K | |
| L1104 | NQL093K-R10X | COIL | 0.1uH K | |
| L1201 | NQL092K-6R8X | COIL | 6.8uH K | |
| L1203 | NQL092K-1R0X | COIL | 1uH K | |
| L1301 | NQL092K-3R3X | COIL | 3.3uH K | |
| L1303 | NQL092K-1R0X | COIL | 1uH K | |
| L1304 | NQL093K-R10X | COIL | 0.1uH K | |
| L1401 | NQL092K-3R3X | COIL | 3.3uH K | |
| L1403 | NQL092K-1R0X | COIL | 1uH K | |
| L1404 | NQL093K-R10X | COIL | 0.1uH K | |
| L1501 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L2101 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3005 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3006 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3008 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3009 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3010 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3011 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3012 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3013 | NQL093K-R10X | COIL | 0.1uH K | |
| L3014 | NQL093K-R10X | COIL | 0.1uH K | |
| L3015 | NQL093K-R10X | COIL | 0.1uH K | |
| L3501 | NQR0413-003X | FERRITE BEADS | | |
| L4001 | NQR0413-003X | FERRITE BEADS | | |
| L4002 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| L4003 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L6501 | NQR0351-001X | FERRITE BEADS | | |
| L6502 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L6508 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| L6509 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| L6510 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| L7001 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L7002 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L7003 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L7004 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L7005 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L7006 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L9001 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L9201 | NQL71EM-150X | COIL | 15uH M | |
| CN001 | QGF0508F1-50X | CONNECTOR | FFC/FPC (1-50) | |
| CN002 | QGF0508F1-30X | CONNECTOR | FFC/FPC (1-30) | |
| CN005 | QGB0603L1-B0 | CONNECTOR | B-B (1-110) | |
| J001 | NNZ0117-001 | HDMI CONNECTOR | DIGITAL IN | |
| K1001 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K1002 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K1003 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K1004 | NQR0489-002X | FERRITE BEADS | | |
| K1005 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K2104 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K2106 | NQR0489-002X | FERRITE BEADS | | |
| K2107 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K3003 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| K3006 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| K3009 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K3010 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K9001 | NQR0413-003X | FERRITE BEADS | | |
| K9002 | NQR0413-003X | FERRITE BEADS | | |
| LC0102 | NQR0483-005X | EMI FILTER | 100uF 25V Z | |
| LC0510 | NQR0498-001X | EMI FILTER | | |
| LC0511 | NQR0498-001X | EMI FILTER | | |
| LC0512 | NQR0498-001X | EMI FILTER | | |
| LC0513 | NQR0498-001X | EMI FILTER | | |
| LC0519 | NQR0416-001X | EMI FILTER | 240pF 16V M | |
| LC0520 | NQR0470-007X | EMI FILTER | 2200pF 50V +50%-20% | |
| LC0522 | NQR0470-007X | EMI FILTER | 2200pF 50V +50%-20% | |
| LC0523 | NQR0483-006X | EMI FILTER | | |
| LC0524 | NQR0483-005X | EMI FILTER | 100uF 25V Z | |
| LC0525 | NQR0483-006X | EMI FILTER | | |
| LC0526 | NQR0470-007X | EMI FILTER | 2200pF 50V +50%-20% | |
| LC0527 | NQR0483-006X | EMI FILTER | | |
| LC6501 | NQR0479-001X | EMI FILTER | | |
| LC7001 | NQR0470-003X | EMI FILTER | 100pF 50V +50%-20% | |
| LC7002 | NQR0470-003X | EMI FILTER | 100pF 50V +50%-20% | |
| LC7003 | NQR0470-003X | EMI FILTER | 100pF 50V +50%-20% | |
| SL7001 | NAX0613-001X | C RESONATOR | | |
| X1001 | NAX0642-001X | CRYSTAL | | |
| X3001 | NAX0635-001X | CXO | | |
| X3003 | NAX0668-001X | CXO | | |
| X4001 | NAX0669-001X | CRYSTAL | | |
| X7601 | NAX0613-001X | C RESONATOR | | |

## RECEIVER P.W. BOARD ASS'Y (SFL0F801A-M2)

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| IC3101 | CXA2205Q-X | IC | | |
| IC3102 | HA17558AF-X | IC | | |
| IC3106 | TPS852-W | PHOTO CONDUCTOR | | |
| Q3001 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q3002 | 2SC3928A/QR/-X | TRANSISTOR | | |
| C3001 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C3002 | NEHL1HM-106X | E CAPACITOR | 10uF 50V M | |
| C3005 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C3006 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C3101 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C3102 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C3104 | NCB11AK-475X | C CAPACITOR | 4.7uF 10V K | |
| C3105 | NCB11AK-475X | C CAPACITOR | 4.7uF 10V K | |
| C3106 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C3107 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C3108 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C3109 | NCB31HK-223X | C CAPACITOR | 0.022uF 50V K | |
| C3110 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K | |
| C3111 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C3112 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K | |
| C3113 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K | |
| C3114 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C3115 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C3116 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C3117 | NCB11AK-475X | C CAPACITOR | 4.7uF 10V K | |
| C3118 | NCB11AK-475X | C CAPACITOR | 4.7uF 10V K | |
| C3119 | NCB21CK-105X | C CAPACITOR | 1uF 16V K | |
| C3120 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C3121 | NCB11AK-475X | C CAPACITOR | 4.7uF 10V K | |
| C3122 | NCB11AK-335X | C CAPACITOR | 3.3uF 10V K | |
| C3123 | NCB31HK-473X | C CAPACITOR | 0.047uF 50V K | |
| C3124 | NCB31HK-272X | C CAPACITOR | 2700pF 50V K | |
| C3125 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K | |
| C3126 | NCB11AK-475X | C CAPACITOR | 4.7uF 10V K | |
| C3127 | NCB31HK-562X | C CAPACITOR | 5600pF 50V K | |
| C3128 | NCB31HK-123X | C CAPACITOR | 0.012uF 50V K | |
| C3129 | NCB11AK-475X | C CAPACITOR | 4.7uF 10V K | |
| C3130 | NCB11AK-475X | C CAPACITOR | 4.7uF 10V K | |
| C3131 | NCB11AK-475X | C CAPACITOR | 4.7uF 10V K | |
| C3132 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C3133 | NCB11AK-475X | C CAPACITOR | 4.7uF 10V K | |
| C3134 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C3135 | NCB11AK-475X | C CAPACITOR | 4.7uF 10V K | |
| C3136 | NCB21CK-105X | C CAPACITOR | 1uF 16V K | |
| C3138 | NCB31CK-683X | C CAPACITOR | 0.068uF 16V K | |
| C3155 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K | |
| C3156 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K | |
| C3161 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C3162 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C3163 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| R3001 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R3003 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R3004 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R3005 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R3006 | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J | |
| R3007 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R3008 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3011 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3018 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3111 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R3112 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R3113 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J | |
| R3114 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J | |
| R3115 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R3116 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R3117 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R3118 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R3119 | NRSA63J-225X | MG RESISTOR | 2.2MΩ 1/16W J | |
| R3122 | NRSA63J-392X | MG RESISTOR | 3.9kΩ 1/16W J | |
| R3123 | NRSA63J-302X | MG RESISTOR | 3kΩ 1/16W J | |
| R3125 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R3126 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R3127 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R3128 | NRSA63J-105X | MG RESISTOR | 1MΩ 1/16W J | |
| R3129 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R3131 | NRSA63J-683X | MG RESISTOR | 68kΩ 1/16W J | |
| R3132 | NRSA63J-123X | MG RESISTOR | 12kΩ 1/16W J | |
| R3133 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3139 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J | |
| R3176 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J | |
| R3191 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| L3001 | NQL79GM-100X | COIL | 10uH M | |
| L3002 | NQL79GM-100X | COIL | 10uH M | |
| ⚠TU3001 | QAU0430-001 | TUNER | | |

## DIGITAL TUNER MODULE P.W. BOARD ASS'Y (SSD-2101A-M2)

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| ⚠MD001 | SSD-2101A-M2 | DIGITAL TUNER MODULE PWB | | |

# PRINTED WIRING BOARD PARTS LIST [LT-32X776/KA]

## ANALOG SIGNAL P.W. BOARD ASS'Y (SFL-1121A-M2)

REFER TO PARTS LIST IN PAGE 3-12 FOR THIS P.W. BOARD.

## CONNECTOR P.W. BOARD ASS'Y (SFL-4121A-M2)

REFER TO PARTS LIST IN PAGE 3-16 FOR THIS P.W. BOARD.

## FRONT CONTROL P.W. BOARD ASS'Y (SFL-7101A-M2)

REFER TO PARTS LIST IN PAGE 3-16 FOR THIS P.W. BOARD.

## FRONT LED P.W. BOARD ASS'Y (SFL-8123A-M2)

REFER TO PARTS LIST IN PAGE 3-16 FOR THIS P.W. BOARD.

## SD CARD P.W. BOARD ASS'Y (SFL-8304A-M2)

REFER TO PARTS LIST IN PAGE 3-16 FOR THIS P.W. BOARD.

## POWER P.W. BOARD ASS'Y (SFL-9030A-M2)

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| IC9141 | BA50BC0FP-X | IC | | |
| ⚠IC9211 | FA5500AN-W | IC | | |
| IC9501 | F9222L-F219 | IC | | |
| ⚠IC9541 | UTCTL431-T | IC | | |
| IC9602 | M62320FP-X | IC | | |
| IC9901 | MP1593DN-X | IC | | |
| IC9931 | MP1593DN-X | IC | | |
| Q9021 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q9151 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q9152 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q9211 | 2SK3522-01-F1 | POWER MOS FET | | |
| Q9212 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q9213 | IMD3A-W | TRANSISTOR | | |
| Q9215 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q9216 | UN2212-X | DIGI TRANSISTOR | | |
| Q9251 | UN2213-X | DIGI TRANSISTOR | | |
| Q9252 | UN2212-X | DIGI TRANSISTOR | | |
| Q9501 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q9502 | 2SK2865-X | POWER MOS FET | | |
| Q9503 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q9504 | 2SK2018-01S-W | POWER MOS FET | | |
| Q9506 | UN2213-X | DIGI TRANSISTOR | | |
| Q9541 | UN2212-X | DIGI TRANSISTOR | | |
| Q9602 | 2SB1188/QR/-W | TRANSISTOR | | |
| Q9603 | UN2212-X | DIGI TRANSISTOR | | |
| Q9606 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q9901 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q9931 | 2SC3928A/QR/-X | TRANSISTOR | | |
| D9001 | MA8047-X | Z DIODE | | |
| D9021 | MA111-X | SI DIODE | | |
| D9111 | S1WB/A/60-4101 | BRIDGE DIODE | | |
| D9151 | MA8024-X | Z DIODE | | |
| ⚠D9201 | D25XB60 | BRIDGE DIODE | | |
| D9202 | MA111-X | SI DIODE | | |
| D9205 | MA3082/M/-X | Z DIODE | | |
| D9211 | YG972S6R | SI DIODE | | |
| D9213 | MA111-X | SI DIODE | | |
| D9214 | MA111-X | SI DIODE | | |
| D9215 | D1FL20U-X | SI DIODE | | |
| D9251 | MA3100/M/-X | Z DIODE | | |
| D9252 | MA111-X | SI DIODE | | |
| D9253 | MA111-X | SI DIODE | | |
| D9254 | D1FL20U-X | SI DIODE | | |
| D9301 | FME-220A | SB DIODE | | |
| D9302 | FME-220A | SB DIODE | | |
| D9501 | MA8220/M/-X | Z DIODE | | |
| D9502 | MA8110/H/-X | Z DIODE | | |
| D9503 | D1FL20U-X | SI DIODE | | |
| D9504 | D1FL20U-X | SI DIODE | | |
| D9505 | MA8220/M/-X | Z DIODE | | |
| D9507 | D1FL20U-X | SI DIODE | | |
| D9508 | UDZS5.6B-X | Z DIODE | 1.5kΩ 1/10W J | |
| D9509 | SD883-04-X | IC | | |
| D9512 | D1FS4-X | SB DIODE | | |
| D9514 | PTZ27B-X | Z DIODE | | |
| D9515 | PTZ27B-X | Z DIODE | | |
| D9542 | FCH20A10 | SB DIODE | | |
| D9543 | FCH20A10 | SB DIODE | | |
| D9546 | FCH20A10 | SB DIODE | | |
| D9609 | MA111-X | SI DIODE | | |
| D9901 | EC30HA04-X | SB DIODE | | |
| D9902 | MA111-X | SI DIODE | | |
| D9903 | EC30HA04-X | SB DIODE | | |
| D9905 | D1FL20U-X | SI DIODE | | |
| D9906 | PTZ11B-X | Z DIODE | | |
| D9907 | MTZJ16B-T2 | Z DIODE | | |
| D9908 | MTZJ16B-T2 | Z DIODE | | |
| D9909 | D1FL20U-X | SI DIODE | | |
| D9932 | EC30HA04-X | SB DIODE | | |
| D9933 | EC30HA04-X | SB DIODE | | |
| D9934 | MA111-X | SI DIODE | | |
| D9935 | PTZ16B-X | Z DIODE | | |
| ⚠C9001 | QFZ9072-105 | MM CAPACITOR | 1uF AC250V K | |
| ⚠C9002 | QFZ9072-105 | MM CAPACITOR | 1uF AC250V K | |
| ⚠C9011 | QCZ9071-471 | C CAPACITOR | 470pF AC400V K | |
| ⚠C9013 | QCZ9071-471 | C CAPACITOR | 470pF AC400V K | |
| ⚠C9101 | QCZ9078-472 | C CAPACITOR | 4700pF AC250V M | |
| ⚠C9102 | QCZ9078-472 | C CAPACITOR | 4700pF AC250V M | |
| ⚠C9103 | QCZ9078-472 | C CAPACITOR | 4700pF AC250V M | |
| C9111 | QEZ0709-106 | E CAPACITOR | 10uF 450V M | |
| C9141 | QECR1CM-477Z | E CAPACITOR | 470uF 16V M | |
| C9142 | QEHR1AM-337Z | E CAPACITOR | 330uF 10V M | |
| C9143 | QEHR1CM-107Z | E CAPACITOR | 100uF 16V M | |
| C9151 | QEHR1HM-226Z | E CAPACITOR | 22uF 50V M | |
| ⚠C9197 | QCZ9071-102 | C CAPACITOR | 1000pF AC400V M | |
| ⚠C9198 | QCZ9071-471 | C CAPACITOR | 470pF AC400V K | |
| ⚠C9201 | QCZ9078-222 | C CAPACITOR | 2200pF AC250V M | |
| ⚠C9203 | QCZ9078-222 | C CAPACITOR | 2200pF AC250V M | |
| ⚠C9204 | QCZ9078-222 | C CAPACITOR | 2200pF AC250V M | |
| ⚠C9205 | QCZ9078-222 | C CAPACITOR | 2200pF AC250V M | |
| C9211 | QFZ0222-105 | MM CAPACITOR | 1uF 450V K | |
| C9212 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C9213 | NCB21CK-105X | C CAPACITOR | 1uF 16V K | |
| C9214 | NDC31HJ-102X | C CAPACITOR | 1000pF 50V J | |
| C9215 | QEHR1VM-476Z | E CAPACITOR | 47uF 35V M | |
| C9216 | QEZ0650-227 | E CAPACITOR | 220uF 450V M | |
| C9218 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C9219 | QCZ0354-331Z | C CAPACITOR | 330pF 2kV K | |
| C9221 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | |
| C9251 | QEHR1HM-107Z | E CAPACITOR | 100uF 50V M | |
| C9252 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C9301 | QECR1EM-687Z | E CAPACITOR | 680uF 25V M | |
| C9302 | QECR1EM-687Z | E CAPACITOR | 680uF 25V M | |
| C9501 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C9502 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C9503 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C9504 | NCB31HK-223X | C CAPACITOR | 0.022uF 50V K | |
| C9505 | NCB31HK-223X | C CAPACITOR | 0.022uF 50V K | |
| C9506 | NCB31HK-331X | C CAPACITOR | 330pF 50V K | |
| C9507 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K | |
| C9508 | NCB11AK-335X | C CAPACITOR | 3.3uF 10V K | |
| C9509 | QEHR1HM-107Z | E CAPACITOR | 100uF 50V M | |
| C9510 | QEHR2AM-107Z | E CAPACITOR | 100uF 100V M | |
| C9511 | QFZ0209-393 | MPP CAPACITOR | 0.039uF | |
| C9512 | QEHR1HM-107Z | E CAPACITOR | 100uF 50V M | |
| C9520 | NCB31HK-331X | C CAPACITOR | 330pF 50V K | |
| C9541 | QECQ1VM-128 | E CAPACITOR | 1200uF 35V M | |
| C9544 | QECQ1VM-128 | E CAPACITOR | 1200uF 35V M | |
| C9545 | QECQ1VM-128 | E CAPACITOR | 1200uF 35V M | |
| C9550 | QECQ1VM-128 | E CAPACITOR | 1200uF 35V M | |
| C9551 | NCB11HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C9552 | NCB31HK-223X | C CAPACITOR | 0.022uF 50V K | |
| C9553 | QEHR1EM-477Z | E CAPACITOR | 470uF 25V M | |
| C9606 | NCB11CK-475X | C CAPACITOR | 4.7uF 16V K | |
| C9609 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K | |
| C9610 | NDC31HJ-680X | C CAPACITOR | 68pF 50V J | |
| C9611 | NDC31HJ-680X | C CAPACITOR | 68pF 50V J | |
| C9614 | NBZ0017-106X | SP E CAPACITOR | 10uF 25V M | |
| C9902 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C9903 | QECR1CM-477Z | E CAPACITOR | 470uF 16V M | |
| C9904 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K | |
| C9907 | NCB31EK-273X | C CAPACITOR | 0.027uF 25V K | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| C9908 | QEHR2AM-106Z | E CAPACITOR | 10uF 100V M | |
| C9909 | QEHR1HM-106Z | E CAPACITOR | 10uF 50V M | |
| C9912 | QEHR1CM-477Z | E CAPACITOR | 470uF 16V M | |
| C9913 | NCJ41HK-335X-U | CHIP C CAPACITO | | |
| C9914 | QTNC1HM-106Z | E CAPACITOR | 10uF 50V M | |
| C9917 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | |
| C9934 | NCB31EK-273X | C CAPACITOR | 0.027uF 25V K | |
| C9935 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C9936 | NCJ41HK-335X-U | CHIP C CAPACITO | | |
| C9937 | NCJ41HK-335X-U | CHIP C CAPACITO | | |
| C9938 | NCJ41EK-106X-U | C CAPACITOR | 10mF 25V K | |
| C9939 | NCJ41EK-106X-U | C CAPACITOR | 10mF 25V K | |
| ⚠R9001 | QRZ9046-105Z | C RESISTOR | 1MΩ 1/2W K | |
| R9003 | NRS12BJ-223W | MG RESISTOR | 22kΩ 1/2W J | |
| R9004 | NRS12BJ-333W | MG RESISTOR | 33kΩ 1/2W J | |
| R9005 | NRS12BJ-333W | MG RESISTOR | 33kΩ 1/2W J | |
| R9021 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R9022 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R9101 | QRZ0216-4R7 | UNF WW RESISTOR | 4.7Ω 7W K | |
| R9141 | QRX01GJ-1R0 | MF RESISTOR | 1Ω 1W J | |
| R9142 | QRX01GJ-R82 | MF RESISTOR | 0.82Ω 1W J | |
| R9148 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J | |
| R9151 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| R9152 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R9153 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R9154 | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J | |
| R9155 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R9156 | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J | |
| R9157 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| ⚠R9199 | QRZ9046-685Z | C RESISTOR | 6.8MΩ 1/2W K | |
| ⚠R9201 | QRZ9055-8R2 | FUSI RESISTOR | 8.2Ω 2W K | |
| R9203 | NRS12BJ-681W | MG RESISTOR | 680Ω 1/2W J | |
| R9211 | NRS12BJ-474W | MG RESISTOR | 470kΩ 1/2W J | |
| R9212 | NRS12BJ-474W | MG RESISTOR | 470kΩ 1/2W J | |
| R9213 | NRS12BJ-334W | MG RESISTOR | 330kΩ 1/2W J | |
| R9214 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9215 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R9216 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J | |
| R9217 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J | |
| R9218 | NRSA63D-183X | MG RESISTOR | 18kΩ 1/16W D | |
| R9219 | NRS12BJ-223W | MG RESISTOR | 22kΩ 1/2W J | |
| R9220 | QRM059J-R22 | MP RESISTOR | 0.22Ω 5W J | |
| R9221 | QRM059J-R22 | MP RESISTOR | 0.22Ω 5W J | |
| R9222 | NRS181J-824X | MG RESISTOR | 820kΩ 1/8W J | |
| R9223 | NRS181J-824X | MG RESISTOR | 820kΩ 1/8W J | |
| R9224 | NRS181J-824X | MG RESISTOR | 820kΩ 1/8W J | |
| R9225 | NRS12BJ-334W | MG RESISTOR | 330kΩ 1/2W J | |
| R9226 | NRS12BJ-334W | MG RESISTOR | 330kΩ 1/2W J | |
| R9227 | NRS12BJ-394W | MG RESISTOR | 390kΩ 1/2W J | |
| R9228 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9229 | NRSA63D-274X | MG RESISTOR | 270kΩ 1/16W D | |
| R9233 | NRS181J-0R0X | MG RESISTOR | 0Ω 1/8W J | |
| R9236 | NRS12BJ-474W | MG RESISTOR | 470kΩ 1/2W J | |
| R9237 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9238 | NRS12BJ-220W | MG RESISTOR | 22Ω 1/2W J | |
| R9239 | NRS12BJ-1R0W | MG RESISTOR | 1Ω 1/2W J | |
| R9251 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R9253 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R9254 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R9255 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J | |
| R9256 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J | |
| R9257 | NRS12BJ-102W | MG RESISTOR | 1kΩ 1/2W J | |
| R9301 | QRT039J-1R2 | MF RESISTOR | 1.2Ω 3W J | |
| R9302 | QRT039J-1R2 | MF RESISTOR | 1.2Ω 3W J | |
| R9501 | QRL039J-103 | OMF RESISTOR | 10kΩ 3W J | |
| R9502 | QRL039J-103 | OMF RESISTOR | 10kΩ 3W J | |
| R9503 | NRS181J-824X | MG RESISTOR | 820kΩ 1/8W J | |
| R9504 | NRS181J-824X | MG RESISTOR | 820kΩ 1/8W J | |
| R9505 | NRS181J-824X | MG RESISTOR | 820kΩ 1/8W J | |
| R9506 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R9507 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R9508 | QRT029J-R56 | MF RESISTOR | 0.56Ω 2W J | |
| R9509 | QRM059J-R27 | MP RESISTOR | 0.27Ω 5W J | |
| R9510 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9511 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R9512 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| R9513 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R9514 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R9515 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R9516 | QRT029J-2R2 | MF RESISTOR | 2.2Ω 2W J | |
| R9517 | NRS12BJ-332W | MG RESISTOR | 3.3kΩ 1/2W J | |
| R9518 | QRK126J-271X | UNF C RESISTOR | 270Ω 1/2W J | |
| R9519 | NRSA02J-180X | MG RESISTOR | 18Ω 1/10W J | |
| R9520 | QRE121J-105Y | C RESISTOR | 1MΩ 1/2W J | |
| R9521 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R9525 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| R9526 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J | |
| R9527 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R9529 | QRL039J-681 | OMF RESISTOR | 680Ω 3W J | |
| R9536 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9541 | NRSA63J-684X | MG RESISTOR | 680kΩ 1/16W J | |
| R9542 | NRSA02J-103X | MG RESISTOR | 10kΩ 1/10W J | |
| R9543 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9544 | NRSA63D-273X | MG RESISTOR | 27kΩ 1/16W D | |
| R9545 | NRSA63D-682X | MG RESISTOR | 6.8kΩ 1/16W D | |
| R9546 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R9548 | NRSA63D-392X | MG RESISTOR | 3.9kΩ 1/16W D | |
| R9549 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R9552 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9562 | NRS12BJ-223W | MG RESISTOR | 22kΩ 1/2W J | |
| R9563 | NRS12BJ-6R8W | MG RESISTOR | 6.8Ω 1/2W J | |
| R9603 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9615 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R9616 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R9622 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R9623 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R9629 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R9631 | NRSA02J-332X | MG RESISTOR | 3.3kΩ 1/10W J | |
| R9632 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R9635 | NRS12BJ-221W | MG RESISTOR | 220Ω 1/2W J | |
| R9637 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9641 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R9643 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R9657 | NRS12BJ-6R8W | MG RESISTOR | 6.8Ω 1/2W J | |
| R9658 | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J | |
| R9659 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R9660 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R9661 | NRS12BJ-6R8W | MG RESISTOR | 6.8Ω 1/2W J | |
| R9665 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9901 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9902 | NRSA63D-104X | MG RESISTOR | 100kΩ 1/16W D | |
| R9903 | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D | |
| R9904 | NRSA63D-184X | MG RESISTOR | 180kΩ 1/16W D | |
| R9905 | QRK126J-222X | UNF C RESISTOR | 2.2kΩ 1/2W J | |
| R9906 | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J | |
| R9907 | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J | |
| R9908 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J | |
| R9909 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R9913 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9923 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R9933 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9934 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9935 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R9936 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9937 | NRSA63D-224X | MG RESISTOR | 220kΩ 1/16W D | |
| R9938 | NRSA63D-184X | MG RESISTOR | 180kΩ 1/16W D | |
| R9939 | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D | |
| R9940 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J | |
| R9941 | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J | |
| R9942 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9943 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9944 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J | |
| L9141 | NQL52EN-4R7X | COIL | 4.7uH N | |
| L9201 | QQR1662-001 | CHOKE COIL | | |
| L9202 | QQR1513-001 | CHOKE COIL | | |
| L9541 | NQL71EM-150X | COIL | 15uH M | |
| L9542 | NQL52EM-470X | COIL | 47uH M | |
| L9902 | NQR0562-001X | CHOKE COIL | | |
| L9903 | NQR0562-001X | CHOKE COIL | | |
| L9904 | NQL63EM-470X | COIL | 47uH M | |
| L9931 | NQL71EM-470X | COIL | 47uH M | |
| L9932 | NQR0562-001X | CHOKE COIL | | |
| ⚠T9121 | QAL0425-001 | POWER TRANSF | | |
| ⚠T9501 | QQS0347-002 | SW TRANSF | | |
| ⚠T9502 | QQS0347-002 | SW TRANSF | | |
| CN0006 | QGB2501J1-07 | CONNECTOR | B-B (1-7) | |
| ⚠CN0007 | QGB2501J1-10 | CONNECTOR | B-B (1-10) | |
| CN000H | QGF1201C2-21 | CONNECTOR | FFC/FPC (1-21) | |
| ⚠CP9121 | QMFZ052-2R0-E | FUSE | 2A AC250V | |
| ⚠CP9211 | QMFZ043-2R0Z-J1 | FUSE | 2A AC250V | |
| ⚠CP9301 | QMFZ034-5R0Z-J1 | FUSE | 5A 125V | |
| ⚠CP9302 | QMFZ034-5R0Z-J1 | FUSE | 5A 125V | |
| ⚠F9001 | QMF51D2-6R3-J1 | FUSE | 6.3A AC250V | |
| K9001 | QRN143J-0R0X | C RESISTOR | 0Ω 1/4W J | |
| K9111 | NQR0499-001X | FERRITE BEADS | | |
| K9211 | QQR0621-002Z | FERRITE BEADS | | |
| K9212 | QQR0621-002Z | FERRITE BEADS | | |
| K9501 | NQR0499-002X | FERRITE BEADS | | |
| K9502 | NQR0499-002X | FERRITE BEADS | | |
| K9503 | NQR0499-002X | FERRITE BEADS | | |
| K9504 | NQR0499-002X | FERRITE BEADS | | |
| K9505 | NQR0499-002X | FERRITE BEADS | | |
| K9508 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K9509 | NQR0499-002X | FERRITE BEADS | | |
| K9541 | NQR0499-001X | FERRITE BEADS | | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| ⚠LF9001 | QQR1514-001 | LINE FILTER | | |
| ⚠LF9002 | QQR1514-001 | LINE FILTER | | |
| ⚠LF9003 | QQR1514-001 | LINE FILTER | | |
| ⚠PC9001 | PS2581AL2/QW/-W | PHOTO COUPLER | | |
| ⚠PC9541 | PS2581AL2/QW/-W | PHOTO COUPLER | | |
| ⚠PC9542 | PS2581AL2/QW/-W | PHOTO COUPLER | | |
| ⚠RY9021 | QSK0162-001 | RELAY | | |
| ⚠RY9201 | QSK0163-001 | RELAY | | |
| ⚠VA9001 | QAF0060-621 | VARISTOR | 620V | |

## REGULATOR P.W. BOARD ASS'Y (SFL-9130A-M2)

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| IC9801 | MP1593DN-X | IC | | |
| IC9821 | MP1593DN-X | IC | | |
| IC9841 | MP1593DN-X | IC | | |
| IC9861 | MP1593DN-X | IC | | |
| IC9881 | LM393DR-X | IC | | |
| Q9801 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q9821 | 2SC3928A/QR/-X | TRANSISTOR | | |
| D9802 | EC30HA04-X | SB DIODE | | |
| D9803 | MA111-X | SI DIODE | | |
| D9805 | PTZ6.8B-X | Z DIODE | | |
| D9822 | EC30HA04-X | SB DIODE | | |
| D9823 | PTZ6.8B-X | Z DIODE | | |
| D9824 | MA111-X | SI DIODE | | |
| D9825 | EC30HA04-X | SB DIODE | | |
| D9842 | EC30HA04-X | SB DIODE | | |
| D9843 | PTZ3.9B-X | Z DIODE | | |
| D9861 | MA111-X | SI DIODE | | |
| D9862 | EC30HA04-X | SB DIODE | | |
| D9863 | PTZ3.9B-X | Z DIODE | | |
| D9864 | EC30HA04-X | SB DIODE | | |
| D9881 | UDZS9.1B-X | Z DIODE | | |
| D9882 | MA111-X | SI DIODE | | |
| C9803 | NCJ41HK-335X-U | CHIP C CAPACITO | | |
| C9804 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C9805 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | |
| C9806 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K | |
| C9807 | NCB31HK-332X | C CAPACITOR | 3300pF 50V K | |
| C9810 | NEHM1HM-105X | E CAPACITOR | 1uF 50V M | |
| C9821 | NCJ41HK-335X-U | CHIP C CAPACITO | | |
| C9822 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C9823 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C9825 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J | |
| C9826 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K | |
| C9827 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C9830 | NBZ0008-107X | SP E CAPACITOR | 100uF 6.3V M | |
| C9831 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K | |
| C9843 | NCJ41HK-335X-U | CHIP C CAPACITO | | |
| C9844 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C9845 | NDC31HJ-121X | C CAPACITOR | 120pF 50V J | |
| C9846 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K | |
| C9847 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | |
| C9848 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K | |
| C9861 | NCJ41HK-335X-U | CHIP C CAPACITO | | |
| C9862 | NCB31HK-822X | C CAPACITOR | 8200pF 50V K | |
| C9864 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C9865 | NDC31HJ-121X | C CAPACITOR | 120pF 50V J | |
| C9866 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K | |
| C9867 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | |
| C9868 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K | |
| C9881 | NEHM1HM-105X | E CAPACITOR | 1uF 50V M | |
| C9882 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K | |
| C9883 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K | |
| C9884 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K | |
| R9803 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9804 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R9805 | NRVA02D-473X | CMF RESISTOR | 47kΩ 1/10W D | |
| R9806 | NRSA63D-124X | MG RESISTOR | 120kΩ 1/16W D | |
| R9807 | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D | |
| R9808 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R9809 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R9810 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J | |
| R9812 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9821 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9822 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R9823 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R9824 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9825 | NRSA63D-473X | MG RESISTOR | 47kΩ 1/16W D | |
| R9826 | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D | |
| R9827 | NRSA63D-124X | MG RESISTOR | 120kΩ 1/16W D | |
| R9828 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R9829 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R9830 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J | |
| R9831 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9841 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R9843 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9844 | NRSA63J-680X | MG RESISTOR | 68Ω 1/16W J | |
| R9845 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9846 | NRSA63D-223X | MG RESISTOR | 22kΩ 1/16W D | |
| R9847 | NRSA63J-154X | MG RESISTOR | 150kΩ 1/16W J | |
| R9848 | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D | |
| R9849 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9861 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9862 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R9863 | NRSA63J-824X | MG RESISTOR | 820kΩ 1/16W J | |
| R9864 | NRSA63J-680X | MG RESISTOR | 68Ω 1/16W J | |
| R9865 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9866 | NRSA63D-153X | MG RESISTOR | 15kΩ 1/16W D | |
| R9867 | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D | |
| R9868 | NRSA63D-154X | MG RESISTOR | 150kΩ 1/16W D | |
| R9869 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9881 | NRS12BJ-332W | MG RESISTOR | 3.3kΩ 1/2W J | |
| R9882 | NRSA63D-472X | MG RESISTOR | 4.7kΩ 1/16W D | |
| R9883 | NRSA63D-472X | MG RESISTOR | 4.7kΩ 1/16W D | |
| R9884 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R9885 | NRSA63D-273X | MG RESISTOR | 27kΩ 1/16W D | |
| R9886 | NRSA63D-472X | MG RESISTOR | 4.7kΩ 1/16W D | |
| L9802 | NQL98EM-150X | COIL | 15uH M | |
| L9822 | NQL71EM-150X | COIL | 15uH M | |
| L9823 | NQR0562-003X | CHOKE COIL | | |
| L9842 | NQL98EM-150X | COIL | 15uH M | |
| L9862 | NQL98EM-150X | COIL | 15uH M | |
| CN9806 | QGB2501K2-07 | CONNECTOR | B-B (1-7) | |
| CN9807 | QGB2501K2-10 | CONNECTOR | B-B (1-10) | |

## DIGITAL SIGNAL P.W. BOARD ASS'Y (SFL0D132A-M2)

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| IC0401 | SN74AHCT1G32V-X | IC | | |
| IC1001 | TC90A92AFG | IC | | |
| IC1002 | MM1572FN-X | IC | | |
| IC1003 | R1141Q151D-X | IC | | |
| IC1502 | NJM2235V-X | IC | | |
| IC3001 | JCC5055 | IC | | |
| IC3004 | TC7MB3257FK-X | IC | | |
| IC3005 | SN74LVC1G08V-X | IC | | |
| IC3006 | SN74LVC2G126T-X | IC | | |
| IC3007 | SN74LVC3G17U-X | IC | | |
| IC3008 | R1170H331B-X | IC | | |
| IC3403 | S-80928CLNB-G-W | IC | | |
| IC3501 | EDD1232AAFA-7A | IC | | |
| IC3502 | EDD1232AAFA-7A | IC | | |
| IC3503 | LP2996MR-X | IC | | |
| IC4001 | JCC5057 | IC | | |
| IC4003 | AT29LE-32X776KA | IC(MICRO C ROM) | (SERVICE) | |
| IC4004 | ATF25632X776K1 | IC | (SERVICE) | |
| IC4005 | SN74LVC1G08V-X | IC | | |
| IC6502 | THC63LVDM83R-W | IC | | |
| IC7001 | MN102H60KPH | IC | | |
| IC7002 | ATF25632X776K2 | IC | (SERVICE) | |
| IC7003 | SN74LVC2G241T-X | IC | | |
| IC7401 | S-80928CLNB-G-W | IC | | |
| IC7601 | M306V7MG-125FP | IC(MCU) | | |
| IC7602 | 24LC16B-I/SNG-X | IC | (SERVICE) | |
| IC7603 | SN74LVC1G04V-X | IC | | |
| IC7607 | MM1510XN-X | IC | | |
| IC7608 | MM1510XN-X | IC | | |
| IC7609 | SN74LVC1G08V-X | IC | | |
| IC9201 | MP1593DN-X | IC | | |
| Q0101 | 2SC3837K/NP/-X | TRANSISTOR | | |
| Q0102 | 2SA1022/BC/-X | TRANSISTOR | | |
| Q0104 | 2SA1022/BC/-X | TRANSISTOR | | |
| Q0107 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q0108 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q0109 | HN1C01F/Y/-X | PAIR TRANSISTOR | | |
| Q0110 | HN1C01F/Y/-X | PAIR TRANSISTOR | | |
| Q0201 | 2SC3837K/NP/-X | TRANSISTOR | | |
| Q0202 | 2SA1022/BC/-X | TRANSISTOR | | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| Q0204 | 2SA1022/BC/-X | TRANSISTOR | | |
| Q0207 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q0208 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q0209 | HN1C01F/Y/-X | PAIR TRANSISTOR | | |
| Q0210 | HN1C01F/Y/-X | PAIR TRANSISTOR | | |
| Q0301 | 2SC3837K/NP/-X | TRANSISTOR | | |
| Q0302 | 2SA1022/BC/-X | TRANSISTOR | | |
| Q0304 | 2SA1022/BC/-X | TRANSISTOR | | |
| Q0307 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q0308 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q0309 | HN1C01F/Y/-X | PAIR TRANSISTOR | | |
| Q0310 | HN1C01F/Y/-X | PAIR TRANSISTOR | | |
| Q1001 | UN2213-X | DIGI TRANSISTOR | | |
| Q1003 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q1004 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q1101 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q1103 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q1201 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q1203 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q1301 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q1303 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q1401 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q1403 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q3001 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q3002 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q3003 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q3004 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q4001 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q6501 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q7206 | UN2213-X | DIGI TRANSISTOR | | |
| Q7207 | UN2113-X | TRANSISTOR | | |
| Q7208 | UN2113-X | TRANSISTOR | | |
| D1001 | EC30HA03L-X | SB DIODE | | |
| D1002 | EC30HA03L-X | SB DIODE | | |
| D2101 | 1SS355-X | SI DIODE | | |
| D7001 | 1SS355-X | SI DIODE | | |
| D7003 | RB501V-40-X | SB DIODE | | |
| D7005 | UDZS8.2B-X | Z DIODE | | |
| D7006 | UDZS8.2B-X | Z DIODE | | |
| D7007 | UDZS8.2B-X | Z DIODE | | |
| D7008 | UDZS8.2B-X | Z DIODE | | |
| D7009 | UDZS8.2B-X | Z DIODE | | |
| D7010 | 1SS355-X | SI DIODE | | |
| D7203 | 1SS355-X | SI DIODE | | |
| D9201 | EC30HA04-X | SB DIODE | | |
| D9203 | PTZ3.9B-X | Z DIODE | | |
| D9204 | 1SS355-X | SI DIODE | | |
| C0104 | NDC31HJ-390X | C CAPACITOR | 39pF 50V J | |
| C0105 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J | |
| C0107 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C0109 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C0110 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C0111 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J | |
| C0112 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J | |
| C0113 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C0114 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C0115 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C0116 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C0117 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C0204 | NDC31HJ-390X | C CAPACITOR | 39pF 50V J | |
| C0205 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J | |
| C0207 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C0209 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C0210 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C0211 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J | |
| C0212 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J | |
| C0213 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C0214 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C0215 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C0217 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C0304 | NDC31HJ-390X | C CAPACITOR | 39pF 50V J | |
| C0305 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J | |
| C0307 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C0309 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C0310 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C0311 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J | |
| C0312 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J | |
| C0313 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C0314 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C0315 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C0317 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C0401 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C0519 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C1001 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1004 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1005 | NCB31HK-152X | C CAPACITOR | 1500pF 50V K | |
| C1006 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| C1009 | NDC31HJ-220X | C CAPACITOR | 22pF 50V J | |
| C1010 | NDC31HJ-180X | C CAPACITOR | 18pF 50V J | |
| C1011 | NDC31HJ-102X | C CAPACITOR | 1000pF 50V J | |
| C1012 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1013 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1014 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1015 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1016 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C1017 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1018 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1019 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1021 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1023 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1025 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1026 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1028 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1029 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1030 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1031 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1032 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1033 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1035 | NDC31HJ-680X | C CAPACITOR | 68pF 50V J | |
| C1037 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C1038 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1039 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1040 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1041 | NCB10JK-106X | C CAPACITOR | 10uF 6.3V K | |
| C1042 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C1043 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1045 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1046 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1047 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1048 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K | |
| C1049 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1050 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K | |
| C1051 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K | |
| C1061 | NDC31HJ-4R0X | C CAPACITOR | 4pF 50V J | |
| C1062 | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M | |
| C1063 | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K | |
| C1064 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1065 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K | |
| C1066 | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M | |
| C1067 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K | |
| C1068 | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M | |
| C1069 | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K | |
| C1071 | NBE20GM-106X | TA E CAPACITOR | 10uF 4V M | |
| C1072 | NBE20GM-106X | TA E CAPACITOR | 10uF 4V M | |
| C1073 | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M | |
| C1074 | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M | |
| C1075 | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M | |
| C1076 | NBE20GM-106X | TA E CAPACITOR | 10uF 4V M | |
| C1077 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M | |
| C1102 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J | |
| C1103 | NDC31HJ-680X | C CAPACITOR | 68pF 50V J | |
| C1104 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C1105 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C1106 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1107 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C1109 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J | |
| C1111 | NRSA63J-681X | MG RESISTOR | 680Ω 1/16W J | |
| C1202 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J | |
| C1203 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J | |
| C1204 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C1205 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C1206 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1209 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J | |
| C1302 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J | |
| C1303 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J | |
| C1304 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J | |
| C1305 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C1306 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1309 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J | |
| C1311 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J | |
| C1402 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J | |
| C1403 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J | |
| C1404 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J | |
| C1405 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C1406 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1409 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J | |
| C1411 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J | |
| C1502 | NCJ41EK-106X-U | C CAPACITOR | 10mF 25V K | |
| C1508 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C1509 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1511 | NRSA63J-105X | MG RESISTOR | 1MΩ 1/16W J | |
| C2036 | NDC31HJ-100X | C CAPACITOR | 10pF 50V J | |
| C2101 | NCB21HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C2102 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K | |
| C3004 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3006 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| C3008 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3010 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3016 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3018 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3019 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3021 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3022 | NBZ0007-107X | SP E CAPACITOR | 100uF 4V M | |
| C3023 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3025 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C3026 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C3028 | NDC31HJ-221X | C CAPACITOR | 220pF 50V J | |
| C3030 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3031 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3032 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3037 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3040 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3041 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J | |
| C3042 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3043 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J | |
| C3044 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3045 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3047 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3049 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3051 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K | |
| C3052 | NCB31AK-334X | C CAPACITOR | 0.33uF 10V K | |
| C3056 | NCB31AK-334X | C CAPACITOR | 0.33uF 10V K | |
| C3059 | NCB31HK-223X | C CAPACITOR | 0.022uF 50V K | |
| C3060 | NCB31HK-152X | C CAPACITOR | 1500pF 50V K | |
| C3063 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3065 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3066 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3067 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3068 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3069 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3070 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3071 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3072 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3074 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3076 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3097 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C3101 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C3105 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C3107 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C3109 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C3111 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3112 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C3127 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J | |
| C3128 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J | |
| C3129 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J | |
| C3406 | NCB31HK-102X | C CAPACITOR | 1000pF 50V K | |
| C3501 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3503 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3506 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C3507 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3508 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3509 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C3511 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3515 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3516 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3517 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3518 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3519 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3524 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3527 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3530 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3531 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3532 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C3533 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C3535 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3539 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3540 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3542 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3543 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3548 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3549 | NBZ0007-107X | SP E CAPACITOR | 100uF 4V M | |
| C3550 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3551 | NBZ0007-107X | SP E CAPACITOR | 100uF 4V M | |
| C3552 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C4002 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C4003 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C4005 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C4006 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C4008 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C4009 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C4010 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C4011 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C4012 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C4013 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C4016 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C4020 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C4022 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C4023 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C4029 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J | |
| C4030 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J | |
| C4031 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C4901 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4902 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4906 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4907 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4908 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4909 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4910 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4913 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4914 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4915 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4916 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4917 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4919 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4920 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4921 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4922 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4923 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4925 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4926 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4931 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4932 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4933 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4934 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4935 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4936 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4937 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4938 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4939 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4940 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4941 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4942 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C6013 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6014 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6015 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6512 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6513 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6514 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6515 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6516 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6520 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6521 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6522 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6523 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C7001 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C7002 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C7003 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C7006 | NDC31HJ-150X | C CAPACITOR | 15pF 50V J | |
| C7007 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C7012 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C7017 | NDC31HJ-391X | C CAPACITOR | 390pF 50V J | |
| C7018 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C7025 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C7203 | NCB31HK-473X | C CAPACITOR | 0.047uF 50V K | |
| C7401 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C7402 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J | |
| C7403 | NCB31HK-102X | C CAPACITOR | 1000pF 50V K | |
| C7601 | NDC31HJ-102X | C CAPACITOR | 1000pF 50V J | |
| C7602 | NDC31HJ-221X | C CAPACITOR | 220pF 50V J | |
| C7603 | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K | |
| C7607 | NCB31HK-102X | C CAPACITOR | 1000pF 50V K | |
| C7608 | NCB31HK-221X | C CAPACITOR | 220pF 50V K | |
| C7609 | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K | |
| C7610 | NCB31HK-681X | C CAPACITOR | 680pF 50V K | |
| C7611 | NCB31HK-681X | C CAPACITOR | 680pF 50V K | |
| C7612 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| C7613 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| C7614 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C7615 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C7616 | NCB11CK-105X | C CAPACITOR | 1uF 16V K | |
| C7617 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C7618 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C7619 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C7621 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C7622 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C9001 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M | |
| C9002 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M | |
| C9003 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M | |
| C9004 | NCB31HK-102X | C CAPACITOR | 1000pF 50V K | |
| C9005 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| C9006 | NEHL1HM-106X | E CAPACITOR | 10uF 50V M | |
| C9202 | NCJ41HK-335X-U | CHIP C CAPACITO | | |
| C9203 | NCB31EK-393X | C CAPACITOR | 0.039uF 25V K | |
| C9204 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| C9205 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K | |
| C9207 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | |
| C9209 | NEZ0022-157X | E CAPACITOR | 150uF 10V M | |
| C9211 | NCB31HK-153X | C CAPACITOR | 0.015uF 50V K | |
| C9212 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | |
| R0105 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0106 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R0107 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R0109 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0110 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0116 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0119 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J | |
| R0121 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0122 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R0125 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R0126 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R0127 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0128 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R0129 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R0131 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0132 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0133 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0134 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0137 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J | |
| R0138 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0140 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R0141 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0205 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0206 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R0207 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R0209 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J | |
| R0210 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0216 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0219 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J | |
| R0220 | NDC31HJ-390X | C CAPACITOR | 39pF 50V J | |
| R0221 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0222 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R0225 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R0226 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0227 | NRSA63J-181X | MG RESISTOR | 180Ω 1/16W J | |
| R0228 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R0229 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R0231 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0232 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0233 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0234 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0237 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J | |
| R0238 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0240 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R0241 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0305 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0306 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R0307 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R0309 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J | |
| R0310 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0316 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0319 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J | |
| R0320 | NDC31HJ-390X | C CAPACITOR | 39pF 50V J | |
| R0321 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0322 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R0325 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R0326 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0327 | NRSA63J-181X | MG RESISTOR | 180Ω 1/16W J | |
| R0328 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R0329 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R0331 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0332 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0333 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0334 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0337 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J | |
| R0338 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0340 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R0341 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0501 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0502 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0504 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0506 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0507 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0508 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0516 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0517 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0518 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0519 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0520 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1001 | NRSA63J-274X | MG RESISTOR | 270kΩ 1/16W J | |
| R1002 | NRSA63D-101X | MG RESISTOR | 100Ω 1/16W D | |
| R1004 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R1005 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R1006 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1007 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1010 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | |
| R1011 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J | |
| R1012 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J | |
| R1013 | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J | |
| R1014 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1017 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1018 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R1019 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1101 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R1102 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1104 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R1105 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | |
| R1106 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | |
| R1107 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R1108 | NRSA63J-681X | MG RESISTOR | 680Ω 1/16W J | |
| R1113 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J | |
| R1114 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1115 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1201 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R1203 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1204 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R1205 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | |
| R1206 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R1207 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R1213 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J | |
| R1301 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R1303 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1304 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R1305 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | |
| R1306 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R1307 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | |
| R1313 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J | |
| R1401 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R1403 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1404 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R1405 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | |
| R1406 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R1407 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | |
| R1413 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J | |
| R1523 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| R1524 | NRSA63J-474X | MG RESISTOR | 470kΩ 1/16W J | |
| R1525 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1584 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2056 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2057 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2101 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2102 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2103 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R2104 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2105 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2121 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2122 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2123 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2125 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2128 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2151 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R2153 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2154 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2155 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2157 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R3001 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R3004 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R3006 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3007 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3008 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3009 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3012 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3013 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3014 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3015 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3018 | NRSA02J-3R3X | MG RESISTOR | 3.3Ω 1/10W J | |
| R3019 | NRSA02J-3R3X | MG RESISTOR | 3.3Ω 1/10W J | |
| R3020 | NRSA02J-3R3X | MG RESISTOR | 3.3Ω 1/10W J | |
| R3021 | NRSA63D-102X | MG RESISTOR | 1kΩ 1/16W D | |
| R3022 | NRSA63D-332X | MG RESISTOR | 3.3kΩ 1/16W D | |
| R3023 | NRSA63D-332X | MG RESISTOR | 3.3kΩ 1/16W D | |
| R3024 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3028 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3029 | NRSA63D-392X | MG RESISTOR | 3.9kΩ 1/16W D | |
| R3030 | NRSA63D-102X | MG RESISTOR | 1kΩ 1/16W D | |
| R3031 | NRSA63D-151X | MG RESISTOR | 150Ω 1/16W D | |
| R3032 | NRSA63J-5R6X | MG RESISTOR | 5.6Ω 1/16W J | |
| R3033 | NRSA63J-5R6X | MG RESISTOR | 5.6Ω 1/16W J | |
| R3034 | NRSA63J-5R6X | MG RESISTOR | 5.6Ω 1/16W J | |
| R3036 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3037 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3038 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R3040 | NRSA63J-201X | MG RESISTOR | 200Ω 1/16W J | |
| R3041 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3042 | NRSA63J-201X | MG RESISTOR | 200Ω 1/16W J | |
| R3043 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R3044 | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J | |
| R3045 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3047 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R3048 | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J | |
| R3053 | NRSA63J-272X | MG RESISTOR | 2.7kΩ 1/16W J | |
| R3054 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3056 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3063 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R3064 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R3065 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R3066 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R3069 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3070 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3071 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3072 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3089 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3090 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3091 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3092 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3093 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3094 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3095 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3096 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3097 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3098 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3099 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3100 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3101 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3102 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3103 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3104 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3105 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3106 | NRS144J-0R0X | MG RESISTOR | 0Ω 1/4W J | |
| R3107 | NRS144J-0R0X | MG RESISTOR | 0Ω 1/4W J | |
| R3112 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3114 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3116 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3118 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3120 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3122 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3126 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3151 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3152 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3153 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3155 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3156 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3157 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3158 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3159 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3160 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3161 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3162 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3163 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3164 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3165 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3166 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3167 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3168 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3169 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R3170 | NRS144J-0R0X | MG RESISTOR | 0Ω 1/4W J | |
| R3171 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3172 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3173 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R3174 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3176 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3177 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3178 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3179 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3180 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3181 | NRS144J-0R0X | MG RESISTOR | 0Ω 1/4W J | |
| R3182 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3183 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3184 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3185 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3186 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3187 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3207 | NRS144J-0R0X | MG RESISTOR | 0Ω 1/4W J | |
| R3502 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3503 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3505 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3507 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3509 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3511 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3514 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3516 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R3518 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3520 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3522 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3524 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3525 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3527 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3529 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3531 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3533 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3536 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3538 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3540 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3542 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3544 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R4004 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4005 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4006 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4007 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4008 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R4015 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4016 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4018 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4019 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4023 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R4024 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R4027 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4028 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4035 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4037 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4039 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4041 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4042 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4044 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4046 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4055 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4056 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R4057 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R4058 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R4059 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4060 | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J | |
| R4064 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4065 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4068 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R4101 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4102 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4103 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4104 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4105 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R4106 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R4109 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6025 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6028 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6031 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6034 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6057 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6058 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6060 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6507 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6510 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6512 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6513 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6514 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6515 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6521 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6529 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R6531 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6532 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6533 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6534 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6536 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6538 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6540 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6541 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6542 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6543 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6544 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6545 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6546 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6550 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6551 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6552 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6553 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6554 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6558 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R7001 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7002 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7003 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7004 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7005 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R7007 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7008 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7010 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7011 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7014 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7015 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7016 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7017 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7018 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7021 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7022 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7023 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7024 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7029 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7030 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7032 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7037 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7039 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7041 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7042 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7043 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7046 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7048 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7049 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7057 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7058 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7060 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R7064 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7065 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7066 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7067 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J | |
| R7068 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7069 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7070 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7080 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7083 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7085 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7086 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7087 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7088 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7089 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7090 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7093 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7096 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7097 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7098 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R7099 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7100 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7101 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| R7104 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7106 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7109 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7112 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7114 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7117 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7118 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7119 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7120 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7132 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7133 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7134 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R7135 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R7136 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7137 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7140 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R7143 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7148 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7149 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7150 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7153 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7158 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7159 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7160 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7161 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7162 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7163 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7214 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7215 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R7216 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7219 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7224 | NRSA63J-683X | MG RESISTOR | 68kΩ 1/16W J | |
| R7401 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7404 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7601 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R7602 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7603 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7604 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7605 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7606 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R7607 | NCB31AK-224X | C CAPACITOR | 0.22uF 10V K | |
| R7608 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R7609 | NRSA63J-272X | MG RESISTOR | 2.7kΩ 1/16W J | |
| R7610 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7611 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7612 | NCB31AK-224X | C CAPACITOR | 0.22uF 10V K | |
| R7613 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R7614 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R7615 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7656 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7657 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7658 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R7659 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R7660 | NRSA63J-105X | MG RESISTOR | 1MΩ 1/16W J | |
| R7661 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R7664 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R7666 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7680 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7681 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7685 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R7686 | NRSA63J-105X | MG RESISTOR | 1MΩ 1/16W J | |
| R7688 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7689 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7690 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7691 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| R9201 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R9202 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9204 | NRSA63D-272X | MG RESISTOR | 2.7kΩ 1/16W D | |
| R9205 | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D | |
| R9206 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R9207 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9208 | NRSA63J-105X | MG RESISTOR | 1MΩ 1/16W J | |
| R9209 | NRSA63J-680X | MG RESISTOR | 68Ω 1/16W J | |
| R9210 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| RA1001 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA1002 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA1003 | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J x4 | |
| RA1004 | NRZ0080-0R0X | NET RESISTOR | 0Ω 1/16W J | |
| RA1005 | NRZ0080-0R0X | NET RESISTOR | 0Ω 1/16W J | |
| RA1006 | NRZ0040-0R0X | NET RESISTOR | 0Ω 1/16W J x4 | |
| RA2012 | NRZ0080-0R0X | NET RESISTOR | 0Ω 1/16W J | |
| RA2013 | NRZ0080-0R0X | NET RESISTOR | 0Ω 1/16W J | |
| RA2015 | NRZ0080-0R0X | NET RESISTOR | 0Ω 1/16W J | |
| RA2016 | NRZ0080-0R0X | NET RESISTOR | 0Ω 1/16W J | |
| RA3002 | NRZ0034-103W | NET RESISTOR | 10kΩ 1/32W J x4 | |
| RA3004 | NRZ0034-103W | NET RESISTOR | 10kΩ 1/32W J x4 | |
| RA3013 | NRZ0034-220W | NET RESISTOR | 22Ω 1/32W J x4 | |
| RA3014 | NRZ0034-220W | NET RESISTOR | 22Ω 1/32W J x4 | |
| RA3015 | NRZ0034-220W | NET RESISTOR | 22Ω 1/32W J x4 | |
| RA3016 | NRZ0034-220W | NET RESISTOR | 22Ω 1/32W J x4 | |
| RA3018 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3020 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3022 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3023 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3024 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3025 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3026 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3028 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3030 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3032 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3502 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3506 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3508 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3512 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3516 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3518 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3521 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3523 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3526 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3530 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3531 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3536 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3540 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3542 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3545 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3547 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA4007 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J x4 | |
| RA4008 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J x4 | |
| RA4009 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J x4 | |
| RA4010 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J x4 | |
| RA4011 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J x4 | |
| RA4012 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J x4 | |
| RA4013 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| RA4014 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| RA4015 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| RA6001 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| RA6515 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| RA7007 | NRZ0040-0R0X | NET RESISTOR | 0Ω 1/16W J x4 | |
| RA7601 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| RA7602 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| RA7603 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| RA7604 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| RA7605 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| RB7605 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| RB7614 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| RB7615 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L0101 | NQL092K-R68X | COIL | 0.68uH K | |
| L0201 | NQL092K-R68X | COIL | 0.68uH K | |
| L0301 | NQL092K-R68X | COIL | 0.68uH K | |
| L0304 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L0401 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L1001 | NQR0489-002X | FERRITE BEADS | | |
| L1002 | NQR0489-002X | FERRITE BEADS | | |
| L1003 | NQL092K-1R5X | CHIP P COIL | 1.5uH K | |
| L1004 | NQR0489-002X | FERRITE BEADS | | |
| L1005 | NQR0489-002X | FERRITE BEADS | | |
| L1006 | NQR0489-002X | FERRITE BEADS | | |
| L1008 | NQL79GM-220X | COIL | 22uH M | |
| L1010 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L1011 | NQL79GM-470X | COIL | 47uH M | |
| L1101 | NQL092K-6R8X | COIL | 6.8uH K | |
| L1102 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L1103 | NQL093K-1R0X | P COIL | 1uH K | |
| L1104 | NQL093K-R10X | COIL | 0.1uH K | |
| L1201 | NQL092K-6R8X | COIL | 6.8uH K | |
| L1203 | NQL092K-1R0X | COIL | 1uH K | |
| L1301 | NQL092K-3R3X | COIL | 3.3uH K | |
| L1303 | NQL092K-1R0X | COIL | 1uH K | |
| L1304 | NQL093K-R10X | COIL | 0.1uH K | |
| L1401 | NQL092K-3R3X | COIL | 3.3uH K | |
| L1403 | NQL092K-1R0X | COIL | 1uH K | |
| L1404 | NQL093K-R10X | COIL | 0.1uH K | |
| L1501 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L2101 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3005 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3006 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3008 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3009 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3010 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3011 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3012 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3013 | NQL093K-R10X | COIL | 0.1uH K | |
| L3014 | NQL093K-R10X | COIL | 0.1uH K | |
| L3015 | NQL093K-R10X | COIL | 0.1uH K | |
| L3501 | NQR0413-003X | FERRITE BEADS | | |
| L4001 | NQR0413-003X | FERRITE BEADS | | |
| L4002 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L4003 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L6501 | NQR0351-001X | FERRITE BEADS | | |
| L6502 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L6508 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| L6509 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| L6510 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| L7001 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L7002 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L7003 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L7004 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L7005 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L7006 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L9001 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L9201 | NQL71EM-150X | COIL | 15uH M | |
| CN001 | QGF0508F1-50X | CONNECTOR | FFC/FPC (1-50) | |
| CN002 | QGF0508F1-30X | CONNECTOR | FFC/FPC (1-30) | |
| CN005 | QGB0603L1-B0 | CONNECTOR | B-B (1-110) | |
| J001 | NNZ0117-001 | HDMI CONNECTOR | DIGITAL-IN | |
| K1001 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K1002 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K1003 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K1004 | NQR0489-002X | FERRITE BEADS | | |
| K1005 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K2104 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K2106 | NQR0489-002X | FERRITE BEADS | | |
| K2107 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K3003 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| K3006 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| K3009 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K3010 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K9001 | NQR0413-003X | FERRITE BEADS | | |
| K9002 | NQR0413-003X | FERRITE BEADS | | |
| LC0102 | NQR0483-005X | EMI FILTER | 100uF 25V Z | |
| LC0510 | NQR0498-001X | EMI FILTER | | |
| LC0511 | NQR0498-001X | EMI FILTER | | |
| LC0512 | NQR0498-001X | EMI FILTER | | |
| LC0513 | NQR0498-001X | EMI FILTER | | |
| LC0519 | NQR0416-001X | EMI FILTER | 240pF 16V M | |
| LC0520 | NQR0470-007X | EMI FILTER | 2200pF 50V +50%-20% | |
| LC0522 | NQR0470-007X | EMI FILTER | 2200pF 50V +50%-20% | |
| LC0523 | NQR0483-006X | EMI FILTER | | |
| LC0524 | NQR0483-005X | EMI FILTER | 100uF 25V Z | |
| LC0525 | NQR0483-006X | EMI FILTER | | |
| LC0526 | NQR0470-007X | EMI FILTER | 2200pF 50V +50%-20% | |
| LC0527 | NQR0483-006X | EMI FILTER | | |
| LC6501 | NQR0479-001X | EMI FILTER | | |
| LC7001 | NQR0470-003X | EMI FILTER | 100pF 50V +50%-20% | |
| LC7002 | NQR0470-003X | EMI FILTER | 100pF 50V +50%-20% | |
| LC7003 | NQR0470-003X | EMI FILTER | 100pF 50V +50%-20% | |
| SL7001 | NAX0613-001X | C RESONATOR | | |
| X1001 | NAX0642-001X | CRYSTAL | | |
| X3001 | NAX0635-001X | CXO | | |
| X3003 | NAX0668-001X | CXO | | |
| X4001 | NAX0669-001X | CRYSTAL | | |
| X7601 | NAX0613-001X | C RESONATOR | | |

## RECEIVER P.W. BOARD ASS'Y (SFL0F801A-M2)

REFER TO PARTS LIST IN PAGE 3-25 FOR THIS P.W. BOARD.

## DIGITAL TUNER MODULE P.W. BOARD ASS'Y (SSD-2101A-M2)

REFER TO PARTS LIST IN PAGE 3-25 FOR THIS P.W. BOARD.

# PRINTED WIRING BOARD PARTS LIST [LT-37X776/KA]

## ANALOG SIGNAL P.W. BOARD ASS'Y

## (SFL-1122A-M2)

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| IC201 | TA1370FG-X | IC | | |
| IC301 | AN15852A | IC | | |
| IC501 | CXA2069Q | IC | | |
| IC502 | MM1510XN-X | IC | | |
| IC503 | MM1510XN-X | IC | | |
| IC504 | MM1510XN-X | IC | | |
| IC711 | CXA1875AM-X | IC | | |
| IC801 | TB1274AF | IC | | |
| IC802 | TC90A69AF-X | IC | | |
| IC902 | TA48M033F-X | IC | 3.3V Regulator | |
| IC903 | BA90BC0FP-X | IC | | |
| IC6001 | NJM2777M-X | IC | | |
| IC6201 | PQ20WZ11-X | IC | | |
| IC6521 | NJW1164M-W | IC | | |
| IC6551 | RC4558D-X | IC | | |
| IC6552 | RC4558D-X | IC | | |
| IC6621 | LM393DR-X | IC | | |
| IC6661 | TDA8925ST/N1 | IC | | |
| Q301 | 2SC3837K/NP/-X | TRANSISTOR | | |
| Q302 | 2SC3837K/NP/-X | TRANSISTOR | | |
| Q303 | 2SC3837K/NP/-X | TRANSISTOR | | |
| Q307 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q402 | SSM3K17FU-X | MOS FET | | |
| Q403 | SSM3K17FU-X | MOS FET | | |
| Q404 | SSM3K17FU-X | MOS FET | | |
| Q405 | SSM3K17FU-X | MOS FET | | |
| Q507 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q508 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q509 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q801 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q802 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q810 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q851 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q853 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q854 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q855 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q858 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q859 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q862 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q863 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q902 | 2SC3074/OY/-X | TRANSISTOR | | |
| Q903 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q2051 | UN2226-X | DIGI TRANSISTOR | | |
| Q2052 | UN2226-X | DIGI TRANSISTOR | | |
| Q2055 | UN2110-X | DIGI TRANSISTOR | | |
| Q6301 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q6302 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q6431 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q6521 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q6522 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q6523 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q6531 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q6532 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q6533 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q6534 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q6538 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q6539 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q6661 | UN2112-X | DIGI TRANSISTOR | | |
| Q6662 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q6663 | UN2212-X | DIGI TRANSISTOR | | |
| Q6673 | 2SA1530A/QR/-X | TRANSISTOR | | |
| D901 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| D902 | 1SS355-X | SI DIODE | | |
| D903 | PTZ11B-X | Z DIODE | | |
| D904 | PTZ6.8B-X | Z DIODE | | |
| D905 | MA8030/H/-X | Z DIODE | | |
| D2001 | UDZS10B-X | Z DIODE | | |
| D2002 | UDZS10B-X | Z DIODE | | |
| D2004 | UDZS10B-X | Z DIODE | | |
| D2005 | UDZS10B-X | Z DIODE | | |
| D2006 | UDZS10B-X | Z DIODE | | |
| D2007 | UDZS10B-X | Z DIODE | | |
| D2008 | UDZS10B-X | Z DIODE | | |
| D2010 | UDZS10B-X | Z DIODE | | |
| D2011 | UDZS10B-X | Z DIODE | | |
| D2012 | UDZS10B-X | Z DIODE | | |
| D2013 | UDZS10B-X | Z DIODE | | |
| D2014 | UDZS10B-X | Z DIODE | | |
| D2015 | UDZS10B-X | Z DIODE | | |
| D2016 | UDZS10B-X | Z DIODE | | |
| D2017 | UDZS10B-X | Z DIODE | | |
| D2053 | UDZS10B-X | Z DIODE | | |
| D2054 | UDZS10B-X | Z DIODE | | |
| D2205 | UDZS10B-X | Z DIODE | | |
| D2206 | UDZS10B-X | Z DIODE | | |
| D2207 | UDZS10B-X | Z DIODE | | |
| D6001 | 1SS355-X | SI DIODE | | |
| D6002 | 1SS355-X | SI DIODE | | |
| D6201 | 1SS355-X | SI DIODE | | |
| D6431 | 1SS355-X | SI DIODE | | |
| D6432 | 1SS355-X | SI DIODE | | |
| D6433 | 1SS355-X | SI DIODE | | |
| D6501 | 1SS355-X | SI DIODE | | |
| D6502 | 1SS355-X | SI DIODE | | |
| D6503 | 1SS355-X | SI DIODE | | |
| D6504 | 1SS355-X | SI DIODE | | |
| D6601 | UDZS6.2B-X | Z DIODE | | |
| D6663 | UDZS3.3B-X | Z DIODE | | |
| D6664 | 1SS355-X | SI DIODE | | |
| D6671 | UDZS20B-X | Z DIODE | | |
| D6672 | UDZS20B-X | Z DIODE | | |
| D6673 | UDZS20B-X | Z DIODE | | |
| D6674 | UDZS20B-X | Z DIODE | | |
| D6681 | 1SS355-X | SI DIODE | | |
| D6682 | 1SS355-X | SI DIODE | | |
| D6683 | 1SS355-X | SI DIODE | | |
| DB201 | UDZS3.3B-X | Z DIODE | | |
| C201 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C202 | NEHL1HM-225X | E CAPACITOR | 2.2uF 50V M | |
| C203 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C204 | NEZ0022-157X | E CAPACITOR | 150uF 10V M | |
| C205 | NEHL1HM-105X | E CAPACITOR | 1uF 50V M | |
| C206 | NCB21CK-474X | C CAPACITOR | 0.47uF 16V K | |
| C207 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C301 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C302 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C313 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C314 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C315 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C316 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C317 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C318 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C319 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C320 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C321 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M | |
| C322 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C323 | NBZ0010-396X | SP E CAPACITOR | 39uF 16V M | |
| C324 | NCB21CK-105X | C CAPACITOR | 1uF 16V K | |
| C325 | NCB21CK-105X | C CAPACITOR | 1uF 16V K | |
| C326 | NCB21CK-105X | C CAPACITOR | 1uF 16V K | |
| C327 | NCB21CK-105X | C CAPACITOR | 1uF 16V K | |
| C328 | NCB21CK-105X | C CAPACITOR | 1uF 16V K | |
| C329 | NCB21CK-105X | C CAPACITOR | 1uF 16V K | |
| C330 | NCB21CK-105X | C CAPACITOR | 1uF 16V K | |
| C335 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C336 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C337 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C341 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C342 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C343 | NCB21CK-105X | C CAPACITOR | 1uF 16V K | |
| C346 | NCB21CK-105X | C CAPACITOR | 1uF 16V K | |
| C349 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C372 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C382 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C392 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C403 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C404 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C405 | NCB11AK-475X | C CAPACITOR | 4.7uF 10V K | |
| C406 | NCB11AK-475X | C CAPACITOR | 4.7uF 10V K | |
| C501 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C502 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C503 | NENA1EM-106X | BP E CAPACITOR | 10uF 25V M | |
| C505 | NENA1EM-106X | BP E CAPACITOR | 10uF 25V M | |
| C506 | NDC31HJ-270X | C CAPACITOR | 27pF 50V J | |
| C515 | NCB21CK-105X | C CAPACITOR | 1uF 16V K | |
| C516 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M | |
| C518 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M | |
| C519 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M | |
| C520 | NCB21CK-105X | C CAPACITOR | 1uF 16V K | |
| C521 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M | |
| C522 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M | |
| C523 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M | |
| C524 | NCB21CK-105X | C CAPACITOR | 1uF 16V K | |
| C525 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| C526 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M | |
| C527 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M | |
| C541 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C542 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C543 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C544 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C545 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C711 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M | |
| C712 | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z | |
| C801 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C802 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C803 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C804 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C805 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C806 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C807 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C808 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C809 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C813 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C814 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C818 | NEHL1HM-106X | E CAPACITOR | 10uF 50V M | |
| C819 | NDC31HJ-100X | C CAPACITOR | 10pF 50V J | |
| C820 | NCB31AK-474X | C CAPACITOR | 0.47uF 10V K | |
| C821 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C822 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K | |
| C823 | NCB31HK-153X | C CAPACITOR | 0.015uF 50V K | |
| C824 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C825 | NDC31HJ-180X | C CAPACITOR | 18pF 50V J | |
| C826 | NEHL1EM-226X | E CAPACITOR | 22uF 25V M | |
| C827 | NEHL0JM-107X | E CAPACITOR | 100uF 6.3V M | |
| C835 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C850 | NDC31HJ-180X | C CAPACITOR | 18pF 50V J | |
| C851 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C852 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C853 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C854 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C855 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C856 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C857 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C858 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C859 | NCB31AK-474X | C CAPACITOR | 0.47uF 10V K | |
| C860 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C861 | NDC31HJ-681X | C CAPACITOR | 680pF 50V J | |
| C862 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C863 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C864 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C865 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C866 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C868 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C869 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C870 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C872 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C873 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J | |
| C874 | NDC31HJ-150X | C CAPACITOR | 15pF 50V J | |
| C875 | NDC31HJ-100X | C CAPACITOR | 10pF 50V J | |
| C876 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C877 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C878 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C879 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C880 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M | |
| C881 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M | |
| C882 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C883 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C884 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M | |
| C885 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M | |
| C886 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M | |
| C887 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C888 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M | |
| C889 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M | |
| C890 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M | |
| C891 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C892 | NDC31HJ-180X | C CAPACITOR | 18pF 50V J | |
| C894 | NDC31HJ-180X | C CAPACITOR | 18pF 50V J | |
| C895 | NDC31HJ-680X | C CAPACITOR | 68pF 50V J | |
| C901 | NEHM1HM-105X | E CAPACITOR | 1uF 50V M | |
| C904 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C905 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M | |
| C906 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M | |
| C912 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M | |
| C913 | NEX51CM-335X | E CAPACITOR | 3.3uF 16V M | |
| C914 | NEX50JM-156X | E CAPACITOR | 15uF 6.3V M | |
| C915 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M | |
| C916 | NEX50JM-156X | E CAPACITOR | 15uF 6.3V M | |
| C2001 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C2003 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| C2005 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K | |
| C2006 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K | |
| C2007 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C2009 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| C2011 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K | |
| C2012 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K | |
| C2014 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K | |
| C2015 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K | |
| C2016 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C2017 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C2018 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C2019 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C2020 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C2051 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K | |
| C2052 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K | |
| C2055 | NCB31CK-105X | C CAPACITOR | 1uF 16V K | |
| C2204 | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K | |
| C2205 | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K | |
| C2206 | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K | |
| C2213 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K | |
| C2214 | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K | |
| C6001 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z | |
| C6002 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z | |
| C6003 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M | |
| C6004 | NEHL1AM-107X | E CAPACITOR | 100uF 10V M | |
| C6005 | NEHL1HM-105X | E CAPACITOR | 1uF 50V M | |
| C6006 | NEHL1HM-105X | E CAPACITOR | 1uF 50V M | |
| C6007 | QETN1AM-108Z | E CAPACITOR | 1000uF 10V M | |
| C6008 | NEHL1HM-106X | E CAPACITOR | 10uF 50V M | |
| C6009 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z | |
| C6201 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C6202 | NEHL1EM-336X | E CAPACITOR | 33uF 25V M | |
| C6203 | NEHL1EM-336X | E CAPACITOR | 33uF 25V M | |
| C6204 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K | |
| C6205 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C6301 | NENA1CM-475X | BP E CAPACITOR | 4.7uF 16V M | |
| C6302 | NENA1CM-475X | BP E CAPACITOR | 4.7uF 16V M | |
| C6431 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C6505 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M | |
| C6510 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M | |
| C6517 | NDC31HJ-100X | C CAPACITOR | 10pF 50V J | |
| C6518 | NDC31HJ-100X | C CAPACITOR | 10pF 50V J | |
| C6521 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M | |
| C6522 | NCB31HK-332X | C CAPACITOR | 3300pF 50V K | |
| C6523 | NCB31HK-333X | C CAPACITOR | 0.033uF 50V K | |
| C6525 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K | |
| C6526 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6527 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M | |
| C6528 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M | |
| C6529 | NCB31HK-332X | C CAPACITOR | 3300pF 50V K | |
| C6530 | NCB31HK-333X | C CAPACITOR | 0.033uF 50V K | |
| C6532 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K | |
| C6533 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6534 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M | |
| C6535 | NEHL1HM-105X | E CAPACITOR | 1uF 50V M | |
| C6536 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6537 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M | |
| C6538 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M | |
| C6539 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6540 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M | |
| C6541 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M | |
| C6542 | NEHL1EM-475X | E CAPACITOR | 4.7uF 25V M | |
| C6543 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C6544 | NEHL1HM-105X | E CAPACITOR | 1uF 50V M | |
| C6545 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C6546 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C6551 | NEHL1HM-105X | E CAPACITOR | 1uF 50V M | |
| C6552 | NEHL1HM-105X | E CAPACITOR | 1uF 50V M | |
| C6553 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6554 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6555 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6556 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6557 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C6559 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C6561 | NEHL1HM-105X | E CAPACITOR | 1uF 50V M | |
| C6562 | NEHL1HM-225X | E CAPACITOR | 2.2uF 50V M | |
| C6563 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K | |
| C6564 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K | |
| C6567 | NCB11EK-105X | C CAPACITOR | 1uF 25V K | |
| C6568 | NCB11EK-105X | C CAPACITOR | 1uF 25V K | |
| C6585 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M | |
| C6586 | NEHL1CM-106X | E CAPACITOR | 10uF 16V M | |
| C6601 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J | |
| C6602 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J | |
| C6605 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C6606 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| C6621 | NCB31HK-332X | C CAPACITOR | 3300pF 50V K | |
| C6622 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K | |
| C6623 | NEHL1EM-226X | E CAPACITOR | 22uF 25V M | |
| C6624 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | |
| C6625 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K | |
| C6626 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | |
| C6627 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| C6628 | NEHL1EM-226X | E CAPACITOR | 22uF 25V M | |
| C6629 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | |
| C6630 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K | |
| C6631 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | |
| C6632 | NCB31HK-332X | C CAPACITOR | 3300pF 50V K | |
| C6661 | NCB11EK-105X | C CAPACITOR | 1uF 25V K | |
| C6662 | NCB11EK-105X | C CAPACITOR | 1uF 25V K | |
| C6663 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C6664 | QETN1HM-226Z | E CAPACITOR | 22uF 50V M | |
| C6665 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C6666 | QETN1HM-226Z | E CAPACITOR | 22uF 50V M | |
| C6667 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C6668 | NDC31HJ-561X | C CAPACITOR | 560pF 50V J | |
| C6669 | QFV21HJ-224Z | MF CAPACITOR | 0.22uF 50V J | |
| C6670 | QFVF1HJ-474Z | MF CAPACITOR | 0.47uF 50V J | |
| C6671 | NCB31HK-153X | C CAPACITOR | 0.015uF 50V K | |
| C6672 | QETN1EM-477Z | E CAPACITOR | 470uF 25V M | |
| C6673 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C6674 | QETN1EM-477Z | E CAPACITOR | 470uF 25V M | |
| C6675 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C6676 | NDC31HJ-561X | C CAPACITOR | 560pF 50V J | |
| C6677 | NDC31HJ-561X | C CAPACITOR | 560pF 50V J | |
| C6678 | QFV21HJ-224Z | MF CAPACITOR | 0.22uF 50V J | |
| C6679 | QFVF1HJ-474Z | MF CAPACITOR | 0.47uF 50V J | |
| C6680 | NCB31HK-153X | C CAPACITOR | 0.015uF 50V K | |
| C6681 | NDC31HJ-561X | C CAPACITOR | 560pF 50V J | |
| C6682 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C6683 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C6684 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C6685 | QETN1EM-477Z | E CAPACITOR | 470uF 25V M | |
| C6687 | QETN1EM-477Z | E CAPACITOR | 470uF 25V M | |
| C6688 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C6693 | NEHL1CM-476X | E CAPACITOR | 47uF 16V M | |
| R201 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R202 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R203 | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J | |
| R204 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R207 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R208 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R210 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R211 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R212 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R215 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R217 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R220 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R227 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R228 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R302 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R303 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R334 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R335 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R336 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R372 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R374 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R375 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R382 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R384 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R385 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R392 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R394 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R395 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R402 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R403 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R404 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R405 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R409 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R410 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R414 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R509 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R510 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R511 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R512 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R513 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R514 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R516 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R517 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R518 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R519 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R520 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R521 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R522 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R523 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R524 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R526 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R527 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R528 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R529 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R530 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R531 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R532 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R533 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R534 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R538 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R539 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R540 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R541 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R573 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R574 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R575 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R576 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R577 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R578 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R579 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R580 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R581 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R711 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R713 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R714 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R715 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R716 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R717 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R718 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R719 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R720 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R722 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R801 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R802 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R803 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R804 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R805 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R806 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R807 | NRSA63J-752X | MG RESISTOR | 7.5kΩ 1/16W J | |
| R808 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R809 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R816 | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J | |
| R817 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R818 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R819 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R839 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R840 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R851 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | |
| R852 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | |
| R853 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J | |
| R854 | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J | |
| R855 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R856 | NRSA63J-105X | MG RESISTOR | 1MΩ 1/16W J | |
| R859 | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J | |
| R860 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R861 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R862 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R863 | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J | |
| R864 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | |
| R865 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | |
| R866 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R867 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R869 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R873 | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J | |
| R874 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | |
| R876 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R877 | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J | |
| R879 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R883 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R884 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J | |
| R885 | NRSA63J-123X | MG RESISTOR | 12kΩ 1/16W J | |
| R886 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R887 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R888 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R889 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R893 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R901 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R902 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R903 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J | |
| R904 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R907 | NRS12BJ-0R0W | MG RESISTOR | 0Ω 1/2W J | |
| R908 | NRS12BJ-471W | MG RESISTOR | 470Ω 1/2W J | |
| R2001 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2002 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2003 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2004 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J | |
| R2005 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J | |
| R2006 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2007 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2008 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2009 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J | |
| R2010 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J | |
| R2011 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2012 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R2013 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J | |
| R2051 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2052 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R2053 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R2054 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R2055 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R2056 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R2057 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R2059 | NRSA63J-680X | MG RESISTOR | 68Ω 1/16W J | |
| R2060 | NRSA63J-680X | MG RESISTOR | 68Ω 1/16W J | |
| R2061 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | |
| R2062 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J | |
| R2065 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R2066 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R2069 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R2071 | NRSA63J-393X | MG RESISTOR | 39kΩ 1/16W J | |
| R2207 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2208 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R2209 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R6001 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R6002 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R6003 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6004 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R6005 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R6006 | QRL039J-330 | OMF RESISTOR | 33Ω 3W J | |
| R6201 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R6202 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R6203 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J | |
| R6204 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R6205 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R6301 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6302 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6303 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6304 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6305 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6306 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6307 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6308 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6309 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6310 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6409 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6431 | NRSA63J-563X | MG RESISTOR | 56kΩ 1/16W J | |
| R6432 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| R6515 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J | |
| R6516 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J | |
| R6517 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6518 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J | |
| R6519 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J | |
| R6520 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6521 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R6522 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R6523 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| R6524 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R6525 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R6526 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| R6527 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R6528 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R6529 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| R6530 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R6531 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R6532 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| R6533 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6534 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6535 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6536 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6537 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6538 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6539 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6540 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6541 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R6542 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6543 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R6551 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J | |
| R6552 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R6553 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R6554 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J | |
| R6555 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R6556 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R6557 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | |
| R6558 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J | |
| R6559 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | |
| R6560 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J | |
| R6563 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J | |
| R6564 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6567 | NRSA63J-124X | MG RESISTOR | 120kΩ 1/16W J | |
| R6568 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6569 | NRSA63J-823X | MG RESISTOR | 82kΩ 1/16W J | |
| R6577 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J | |
| R6578 | NRSA63J-392X | MG RESISTOR | 3.9kΩ 1/16W J | |
| R6579 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J | |
| R6580 | NRSA63J-392X | MG RESISTOR | 3.9kΩ 1/16W J | |
| R6601 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6602 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| R6603 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6605 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6606 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| R6607 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6617 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R6621 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6622 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6623 | NRSA63J-392X | MG RESISTOR | 3.9kΩ 1/16W J | |
| R6624 | QRJ146J-102X | UNF C RESISTOR | 1kΩ 1/4W J | |
| R6625 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6626 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J | |
| R6627 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R6629 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R6630 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J | |
| R6631 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6632 | NRSA63J-392X | MG RESISTOR | 3.9kΩ 1/16W J | |
| R6633 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J | |
| R6634 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6661 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6662 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6663 | NRSA63J-393X | MG RESISTOR | 39kΩ 1/16W J | |
| R6664 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6665 | NRSA63J-393X | MG RESISTOR | 39kΩ 1/16W J | |
| R6666 | QRK126J-5R6X | UNF C RESISTOR | 5.6Ω 1/2W J | |
| R6667 | QRK126J-220X | UNF C RESISTOR | 22Ω 1/2W J | |
| R6668 | QRK126J-5R6X | UNF C RESISTOR | 5.6Ω 1/2W J | |
| R6669 | QRK126J-220X | UNF C RESISTOR | 22Ω 1/2W J | |
| R6670 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J | |
| R6671 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6673 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R6674 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6675 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R6676 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6677 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6680 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6684 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R6685 | NRSA63J-563X | MG RESISTOR | 56kΩ 1/16W J | |
| R6686 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J | |
| R6688 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6691 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| RB203 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J | |
| RB801 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L201 | NQL914K-101X | COIL | 100uH K | |
| L807 | NQR0499-001X | FERRITE BEADS | | |
| L808 | NQR0499-001X | FERRITE BEADS | | |
| L809 | NQR0499-001X | FERRITE BEADS | | |
| L851 | NQL092K-6R8X | COIL | 6.8uH K | |
| L852 | NQL092K-6R8X | COIL | 6.8uH K | |
| L853 | NQL092K-6R8X | COIL | 6.8uH K | |
| L854 | NQL092M-270X | CHIP P COIL | 27uH M | |
| L855 | NQL904J-560X | COIL | 56uH J | |
| L861 | NQL914K-220X | COIL | 22uH K | |
| L862 | NQL914K-101X | COIL | 100uH K | |
| L863 | NQL914K-101X | COIL | 100uH K | |
| L864 | NQL914K-101X | COIL | 100uH K | |
| L865 | NQL914K-220X | COIL | 22uH K | |
| L866 | NQL914K-220X | COIL | 22uH K | |
| L867 | NQL914K-220X | COIL | 22uH K | |
| L902 | NQL52EM-220X | COIL | 22uH M | |
| L903 | NQL52EM-220X | COIL | 22uH M | |
| L904 | NQL52EM-220X | COIL | 22uH M | |
| L6661 | QQL28AK-560 | COIL | 56uH K | |
| L6662 | QQL28AK-560 | COIL | 56uH K | |
| CN000H | QGF1201C2-21 | CONNECTOR | FFC/FPC (1-21) | |
| CN0011 | QGF0508F1-50X | CONNECTOR | FFC/FPC (1-50) | |
| CN0012 | QGF0508F1-50X | CONNECTOR | FFC/FPC (1-50) | |
| J2001 | QNZ0726-001 | AV JACK | INPUT-1(S/V/L/R) | |
| J2003 | QNZ0726-001 | AV JACK | INPUT-2(S/V/L/R) | |
| J2004 | QNN0651-001 | PIN JACK | INPUT-3(V/L/R) | |
| J2006 | QNN0650-001 | PIN JACK | INPUT-1(COMPONENT) | |
| J2008 | QNZ0726-001 | AV JACK | MONITOR/REC OUT | |
| J2009 | QNN0652-001 | PIN JACK | DIGITAL IN AUDIO | |
| K6601 | NQR0499-002X | FERRITE BEADS | | |
| K6602 | NQR0499-002X | FERRITE BEADS | | |
| K6661 | NQR0499-002X | FERRITE BEADS | | |
| K6662 | NQR0499-002X | FERRITE BEADS | | |
| K6663 | NQR0499-002X | FERRITE BEADS | | |
| K6664 | NQR0499-002X | FERRITE BEADS | | |
| X201 | QAX0873-001 | C RESONATOR | | |
| X801 | NAX0621-001X | CRYSTAL | 16.200MHz | |

## CONNECTOR P.W. BOARD ASS'Y (SFL-4121A-M2)

REFER TO PARTS LIST IN PAGE 3-16 FOR THIS P.W. BOARD.

## FRONT CONTROL P.W. BOARD ASS'Y (SFL-7101A-M2)

REFER TO PARTS LIST IN PAGE 3-16 FOR THIS P.W. BOARD.

## FRONT LED P.W. BOARD ASS'Y (SFL-8123A-M2)

REFER TO PARTS LIST IN PAGE 3-16 FOR THIS P.W. BOARD.

## SD CARD P.W. BOARD ASS'Y (SFL-8304A-M2)

REFER TO PARTS LIST IN PAGE 3-16 FOR THIS P.W. BOARD.

## POWER P.W. BOARD ASS'Y (SFL-9029A-M2)

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| IC9141 | BA50BC0FP-X | IC | | |
| ⚠IC9211 | FA5500AN-W | IC | | |
| IC9501 | F9222L-F219 | IC | | |
| ⚠IC9541 | UTCTL431-T | IC | | |
| IC9602 | M62320FP-X | IC | | |
| IC9901 | MP1593DN-X | IC | | |
| IC9931 | MP1593DN-X | IC | | |
| Q9021 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q9151 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q9152 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q9211 | 2SK3522-01-F1 | POWER MOS FET | | |
| Q9212 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q9213 | IMD3A-W | TRANSISTOR | | |
| Q9215 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q9216 | UN2212-X | DIGI TRANSISTOR | | |
| Q9251 | UN2213-X | DIGI TRANSISTOR | | |
| Q9252 | UN2212-X | DIGI TRANSISTOR | | |
| Q9501 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q9502 | 2SK2865-X | POWER MOS FET | | |
| Q9503 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q9504 | 2SK2018-01S-W | POWER MOS FET | | |
| Q9506 | UN2213-X | DIGI TRANSISTOR | | |
| Q9541 | UN2212-X | DIGI TRANSISTOR | | |
| Q9602 | 2SB1188/QR/-W | TRANSISTOR | | |
| Q9603 | UN2212-X | DIGI TRANSISTOR | | |
| Q9606 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q9901 | 2SD601A/QR/-X | TRANSISTOR | | |
| Q9931 | 2SC3928A/QR/-X | TRANSISTOR | | |
| D9001 | MA8047-X | Z DIODE | | |
| D9021 | MA111-X | SI DIODE | | |
| D9111 | S1WB/A/60-4101 | BRIDGE DIODE | | |
| D9151 | MA8024-X | Z DIODE | | |
| ⚠D9201 | D25XB60 | BRIDGE DIODE | | |
| D9202 | MA111-X | SI DIODE | | |
| D9205 | MA3082/M/-X | Z DIODE | | |
| D9211 | YG972S6R | SI DIODE | | |
| D9213 | MA111-X | SI DIODE | | |
| D9214 | MA111-X | SI DIODE | | |
| D9215 | D1FL20U-X | SI DIODE | | |
| D9251 | MA3100/M/-X | Z DIODE | | |
| D9252 | MA111-X | SI DIODE | | |
| D9253 | MA111-X | SI DIODE | | |
| D9254 | D1FL20U-X | SI DIODE | | |
| D9301 | FME-220A | SB DIODE | | |
| D9302 | FME-220A | SB DIODE | | |
| D9501 | MA8220/M/-X | Z DIODE | | |
| D9502 | MA8110/H/-X | Z DIODE | | |
| D9503 | D1FL20U-X | SI DIODE | | |
| D9504 | D1FL20U-X | SI DIODE | | |
| D9505 | MA8220/M/-X | Z DIODE | | |
| D9507 | D1FL20U-X | SI DIODE | | |
| D9508 | UDZS5.6B-X | Z DIODE | 1.5kΩ 1/10W J | |
| D9509 | SD883-04-X | IC | | |
| D9512 | D1FS4-X | SB DIODE | | |
| D9514 | PTZ27B-X | Z DIODE | | |
| D9515 | PTZ27B-X | Z DIODE | | |
| D9542 | FCH20A10 | SB DIODE | | |
| D9543 | FCH20A10 | SB DIODE | | |
| D9546 | FCH20A10 | SB DIODE | | |
| D9609 | MA111-X | SI DIODE | | |
| D9901 | EC30HA04-X | SB DIODE | | |
| D9902 | MA111-X | SI DIODE | | |
| D9903 | EC30HA04-X | SB DIODE | | |
| D9905 | D1FL20U-X | SI DIODE | | |
| D9906 | PTZ11B-X | Z DIODE | | |
| D9907 | MTZJ16B-T2 | Z DIODE | | |
| D9908 | MTZJ16B-T2 | Z DIODE | | |
| D9909 | D1FL20U-X | SI DIODE | | |
| D9932 | EC30HA04-X | SB DIODE | | |
| D9933 | EC30HA04-X | SB DIODE | | |
| D9934 | MA111-X | SI DIODE | | |
| D9935 | PTZ16B-X | Z DIODE | | |
| ⚠C9001 | QFZ9072-105 | MM CAPACITOR | 1uF AC250V K | |
| ⚠C9002 | QFZ9072-105 | MM CAPACITOR | 1uF AC250V K | |
| ⚠C9011 | QCZ9071-471 | C CAPACITOR | 470pF AC400V K | |
| ⚠C9013 | QCZ9071-471 | C CAPACITOR | 470pF AC400V K | |
| ⚠C9101 | QCZ9078-472 | C CAPACITOR | 4700pF AC250V M | |
| ⚠C9102 | QCZ9078-472 | C CAPACITOR | 4700pF AC250V M | |
| ⚠C9103 | QCZ9078-472 | C CAPACITOR | 4700pF AC250V M | |
| C9111 | QEZ0709-106 | E CAPACITOR | 10uF 450V M | |
| C9141 | QECR1CM-477Z | E CAPACITOR | 470uF 16V M | |
| C9142 | QEHR1AM-337Z | E CAPACITOR | 330uF 10V M | |
| C9143 | QEHR1CM-107Z | E CAPACITOR | 100uF 16V M | |
| C9151 | QEHR1HM-226Z | E CAPACITOR | 22uF 50V M | |
| ⚠C9197 | QCZ9071-102 | C CAPACITOR | 1000pF AC400V M | |
| ⚠C9198 | QCZ9071-471 | C CAPACITOR | 470pF AC400V K | |
| ⚠C9201 | QCZ9078-222 | C CAPACITOR | 2200pF AC250V M | |
| ⚠C9203 | QCZ9078-222 | C CAPACITOR | 2200pF AC250V M | |
| ⚠C9204 | QCZ9078-222 | C CAPACITOR | 2200pF AC250V M | |
| ⚠C9205 | QCZ9078-222 | C CAPACITOR | 2200pF AC250V M | |
| C9211 | QFZ0222-105 | MM CAPACITOR | 1uF 450V K | |
| C9212 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C9213 | NCB21CK-105X | C CAPACITOR | 1uF 16V K | |
| C9214 | NDC31HJ-102X | C CAPACITOR | 1000pF 50V J | |
| C9215 | QEHR1VM-476Z | E CAPACITOR | 47uF 35V M | |
| C9216 | QEZ0739-337 | E CAPACITOR | 330uF | |
| C9218 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C9219 | QCZ0354-331Z | C CAPACITOR | 330pF 2kV K | |
| C9221 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | |
| C9251 | QEHR1HM-107Z | E CAPACITOR | 100uF 50V M | |
| C9252 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C9301 | QECR1EM-687Z | E CAPACITOR | 680uF 25V M | |
| C9302 | QECR1EM-687Z | E CAPACITOR | 680uF 25V M | |
| C9501 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C9502 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C9503 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C9504 | NCB31HK-223X | C CAPACITOR | 0.022uF 50V K | |
| C9505 | NCB31HK-223X | C CAPACITOR | 0.022uF 50V K | |
| C9506 | NCB31HK-331X | C CAPACITOR | 330pF 50V K | |
| C9507 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K | |
| C9508 | NCB11AK-335X | C CAPACITOR | 3.3uF 10V K | |
| C9509 | QEHR1HM-107Z | E CAPACITOR | 100uF 50V M | |
| C9510 | QEHR2AM-107Z | E CAPACITOR | 100uF 100V M | |
| C9511 | QFZ0209-393 | MPP CAPACITOR | 0.039uF | |
| C9512 | QEHR1HM-107Z | E CAPACITOR | 100uF 50V M | |
| C9520 | NCB31HK-331X | C CAPACITOR | 330pF 50V K | |
| C9541 | QECQ1VM-128 | E CAPACITOR | 1200uF 35V M | |
| C9544 | QECQ1VM-128 | E CAPACITOR | 1200uF 35V M | |
| C9545 | QECQ1VM-128 | E CAPACITOR | 1200uF 35V M | |
| C9550 | QECQ1VM-128 | E CAPACITOR | 1200uF 35V M | |
| C9551 | NCB11HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C9552 | NCB31HK-223X | C CAPACITOR | 0.022uF 50V K | |
| C9553 | QEHR1EM-477Z | E CAPACITOR | 470uF 25V M | |
| C9606 | NCB11CK-475X | C CAPACITOR | 4.7uF 16V K | |
| C9609 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K | |
| C9610 | NDC31HJ-680X | C CAPACITOR | 68pF 50V J | |
| C9611 | NDC31HJ-680X | C CAPACITOR | 68pF 50V J | |
| C9614 | NBZ0017-106X | SP E CAPACITOR | 10uF 25V M | |
| C9902 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C9903 | QECR1CM-477Z | E CAPACITOR | 470uF 16V M | |
| C9904 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K | |
| C9907 | NCB31EK-273X | C CAPACITOR | 0.027uF 25V K | |
| C9908 | QEHR2AM-106Z | E CAPACITOR | 10uF 100V M | |
| C9909 | QEHR1HM-106Z | E CAPACITOR | 10uF 50V M | |
| C9912 | QEHR1CM-477Z | E CAPACITOR | 470uF 16V M | |
| C9913 | NCJ41HK-335X-U | CHIP C CAPACITO | | |
| C9914 | QTNC1HM-106Z | E CAPACITOR | 10uF 50V M | |
| C9917 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | |
| C9934 | NCB31EK-273X | C CAPACITOR | 0.027uF 25V K | |
| C9935 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C9936 | NCJ41HK-335X-U | CHIP C CAPACITO | | |
| C9937 | NCJ41HK-335X-U | CHIP C CAPACITO | | |
| C9938 | NCJ41EK-106X-U | C CAPACITOR | 10mF 25V K | |
| C9939 | NCJ41EK-106X-U | C CAPACITOR | 10mF 25V K | |
| ⚠R9001 | QRZ9046-105Z | C RESISTOR | 1MΩ 1/2W K | |
| R9003 | NRS12BJ-223W | MG RESISTOR | 22kΩ 1/2W J | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R9004 | NRS12BJ-333W | MG RESISTOR | 33kΩ 1/2W J | |
| R9005 | NRS12BJ-333W | MG RESISTOR | 33kΩ 1/2W J | |
| R9021 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R9022 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R9101 | QRZ0216-4R7 | UNF WW RESISTOR | 4.7Ω 7W K | |
| R9141 | QRX01GJ-1R0 | MF RESISTOR | 1Ω 1W J | |
| R9142 | QRX01GJ-R82 | MF RESISTOR | 0.82Ω 1W J | |
| R9148 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J | |
| R9151 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| R9152 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R9153 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R9154 | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J | |
| R9155 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R9156 | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J | |
| R9157 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| ⚠R9199 | QRZ9046-685Z | C RESISTOR | 6.8MΩ 1/2W K | |
| ⚠R9201 | QRZ9055-8R2 | FUSI RESISTOR | 8.2Ω 2W K | |
| R9203 | NRS12BJ-681W | MG RESISTOR | 680Ω 1/2W J | |
| R9211 | NRS12BJ-474W | MG RESISTOR | 470kΩ 1/2W J | |
| R9212 | NRS12BJ-474W | MG RESISTOR | 470kΩ 1/2W J | |
| R9213 | NRS12BJ-334W | MG RESISTOR | 330kΩ 1/2W J | |
| R9214 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9215 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R9216 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J | |
| R9217 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J | |
| R9218 | NRSA63D-183X | MG RESISTOR | 18kΩ 1/16W D | |
| R9219 | NRS12BJ-223W | MG RESISTOR | 22kΩ 1/2W J | |
| R9220 | QRM059J-R22 | MP RESISTOR | 0.22Ω 5W J | |
| R9221 | QRM059J-R22 | MP RESISTOR | 0.22Ω 5W J | |
| R9222 | NRS181J-824X | MG RESISTOR | 820kΩ 1/8W J | |
| R9223 | NRS181J-824X | MG RESISTOR | 820kΩ 1/8W J | |
| R9224 | NRS181J-824X | MG RESISTOR | 820kΩ 1/8W J | |
| R9225 | NRS12BJ-334W | MG RESISTOR | 330kΩ 1/2W J | |
| R9226 | NRS12BJ-334W | MG RESISTOR | 330kΩ 1/2W J | |
| R9227 | NRS12BJ-394W | MG RESISTOR | 390kΩ 1/2W J | |
| R9228 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9229 | NRSA63D-274X | MG RESISTOR | 270kΩ 1/16W D | |
| R9233 | NRS181J-0R0X | MG RESISTOR | 0Ω 1/8W J | |
| R9236 | NRS12BJ-474W | MG RESISTOR | 470kΩ 1/2W J | |
| R9237 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9238 | NRS12BJ-220W | MG RESISTOR | 22Ω 1/2W J | |
| R9239 | NRS12BJ-1R0W | MG RESISTOR | 1Ω 1/2W J | |
| R9251 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R9253 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R9254 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R9255 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J | |
| R9256 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J | |
| R9257 | NRS12BJ-102W | MG RESISTOR | 1kΩ 1/2W J | |
| R9301 | QRT039J-1R2 | MF RESISTOR | 1.2Ω 3W J | |
| R9302 | QRT039J-1R2 | MF RESISTOR | 1.2Ω 3W J | |
| R9501 | QRL039J-103 | OMF RESISTOR | 10kΩ 3W J | |
| R9502 | QRL039J-103 | OMF RESISTOR | 10kΩ 3W J | |
| R9503 | NRS181J-824X | MG RESISTOR | 820kΩ 1/8W J | |
| R9504 | NRS181J-824X | MG RESISTOR | 820kΩ 1/8W J | |
| R9505 | NRS181J-824X | MG RESISTOR | 820kΩ 1/8W J | |
| R9506 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R9507 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R9508 | QRT029J-R56 | MF RESISTOR | 0.56Ω 2W J | |
| R9509 | QRM059J-R27 | MP RESISTOR | 0.27Ω 5W J | |
| R9510 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9511 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R9512 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| R9513 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R9514 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R9515 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R9516 | QRT029J-2R2 | MF RESISTOR | 2.2Ω 2W J | |
| R9517 | NRS12BJ-332W | MG RESISTOR | 3.3kΩ 1/2W J | |
| R9518 | QRK126J-271X | UNF C RESISTOR | 270Ω 1/2W J | |
| R9519 | NRSA02J-180X | MG RESISTOR | 18Ω 1/10W J | |
| R9520 | QRE121J-105Y | C RESISTOR | 1MΩ 1/2W J | |
| R9521 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R9525 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| R9526 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J | |
| R9527 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9529 | QRL039J-681 | OMF RESISTOR | 680Ω 3W J | |
| R9536 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9541 | NRSA63J-684X | MG RESISTOR | 680kΩ 1/16W J | |
| R9542 | NRSA02J-103X | MG RESISTOR | 10kΩ 1/10W J | |
| R9543 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9544 | NRSA63D-273X | MG RESISTOR | 27kΩ 1/16W D | |
| R9545 | NRSA63D-682X | MG RESISTOR | 6.8kΩ 1/16W D | |
| R9546 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R9548 | NRSA63D-392X | MG RESISTOR | 3.9kΩ 1/16W D | |
| R9549 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R9552 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9562 | NRS12BJ-223W | MG RESISTOR | 22kΩ 1/2W J | |
| R9563 | NRS12BJ-6R8W | MG RESISTOR | 6.8Ω 1/2W J | |
| R9603 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9615 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R9616 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R9622 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R9623 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R9629 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R9631 | NRSA02J-332X | MG RESISTOR | 3.3kΩ 1/10W J | |
| R9632 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R9635 | NRS12BJ-221W | MG RESISTOR | 220Ω 1/2W J | |
| R9637 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9641 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R9643 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R9657 | NRS12BJ-6R8W | MG RESISTOR | 6.8Ω 1/2W J | |
| R9658 | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J | |
| R9659 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R9660 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R9661 | NRS12BJ-6R8W | MG RESISTOR | 6.8Ω 1/2W J | |
| R9665 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9901 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9902 | NRSA63D-104X | MG RESISTOR | 100kΩ 1/16W D | |
| R9903 | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D | |
| R9904 | NRSA63D-184X | MG RESISTOR | 180kΩ 1/16W D | |
| R9905 | QRK126J-222X | UNF C RESISTOR | 2.2kΩ 1/2W J | |
| R9906 | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J | |
| R9907 | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J | |
| R9908 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J | |
| R9909 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R9913 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9923 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R9933 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9934 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9935 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R9936 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9937 | NRSA63D-224X | MG RESISTOR | 220kΩ 1/16W D | |
| R9938 | NRSA63D-184X | MG RESISTOR | 180kΩ 1/16W D | |
| R9939 | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D | |
| R9940 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J | |
| R9941 | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J | |
| R9942 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9943 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9944 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J | |
| L9141 | NQL52EN-4R7X | COIL | 4.7uH N | |
| L9201 | QQR1662-001 | CHOKE COIL | | |
| L9202 | QQR1513-001 | CHOKE COIL | | |
| L9541 | NQL71EM-150X | COIL | 15uH M | |
| L9542 | NQL52EM-470X | COIL | 47uH M | |
| L9902 | NQR0562-001X | CHOKE COIL | | |
| L9903 | NQR0562-001X | CHOKE COIL | | |
| L9904 | NQL63EM-470X | COIL | 47uH M | |
| L9931 | NQL71EM-470X | COIL | 47uH M | |
| L9932 | NQR0562-001X | CHOKE COIL | | |
| ⚠T9121 | QAL0425-001 | POWER TRANSF | | |
| ⚠T9501 | QQS0347-002 | SW TRANSF | | |
| ⚠T9502 | QQS0347-002 | SW TRANSF | | |
| CN0006 | QGB2501J1-07 | CONNECTOR | B-B (1-7) | |
| ⚠CN0007 | QGB2501J1-10 | CONNECTOR | B-B (1-10) | |
| CN000H | QGF1201C2-21 | CONNECTOR | FFC/FPC (1-21) | |
| ⚠CP9121 | QMFZ052-2R0-E | FUSE | 2A AC250V | |
| ⚠CP9211 | QMFZ043-2R0Z-J1 | FUSE | 2A AC250V | |
| ⚠CP9301 | QMFZ034-5R0Z-J1 | FUSE | 5A 125V | |
| ⚠CP9302 | QMFZ034-5R0Z-J1 | FUSE | 5A 125V | |
| ⚠F9001 | QMF51D2-6R3-J1 | FUSE | 6.3A AC250V | |
| K9001 | QRN143J-0R0X | C RESISTOR | 0Ω 1/4W J | |
| K9111 | NQR0499-001X | FERRITE BEADS | | |
| K9211 | QQR0621-002Z | FERRITE BEADS | | |
| K9212 | QQR0621-002Z | FERRITE BEADS | | |
| K9501 | NQR0499-002X | FERRITE BEADS | | |
| K9502 | NQR0499-002X | FERRITE BEADS | | |
| K9503 | NQR0499-002X | FERRITE BEADS | | |
| K9504 | NQR0499-002X | FERRITE BEADS | | |
| K9505 | NQR0499-002X | FERRITE BEADS | | |
| K9508 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K9509 | NQR0499-002X | FERRITE BEADS | | |
| K9541 | NQR0499-001X | FERRITE BEADS | | |
| ⚠LF9001 | QQR1514-001 | LINE FILTER | | |
| ⚠LF9002 | QQR1514-001 | LINE FILTER | | |
| ⚠LF9003 | QQR1514-001 | LINE FILTER | | |
| ⚠PC9001 | PS2581AL2/QW/-W | PHOTO COUPLER | | |
| ⚠PC9541 | PS2581AL2/QW/-W | PHOTO COUPLER | | |
| ⚠PC9542 | PS2581AL2/QW/-W | PHOTO COUPLER | | |
| ⚠RY9021 | QSK0162-001 | RELAY | | |
| ⚠RY9201 | QSK0163-001 | RELAY | | |
| ⚠VA9001 | QAF0060-621 | VARISTOR | 620V | |

## REGULATOR P.W. BOARD ASS'Y (SFL-9129A-M2)

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| IC9801 | MP1593DN-X | IC | | |
| IC9821 | MP1593DN-X | IC | | |
| IC9841 | MP1593DN-X | IC | | |
| IC9861 | MP1593DN-X | IC | | |
| IC9881 | LM393DR-X | IC | | |
| Q9801 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q9821 | 2SC3928A/QR/-X | TRANSISTOR | | |
| D9802 | EC30HA04-X | SB DIODE | | |
| D9803 | MA111-X | SI DIODE | | |
| D9805 | PTZ6.8B-X | Z DIODE | | |
| D9822 | EC30HA04-X | SB DIODE | | |
| D9823 | PTZ6.8B-X | Z DIODE | | |
| D9824 | MA111-X | SI DIODE | | |
| D9825 | EC30HA04-X | SB DIODE | | |
| D9842 | EC30HA04-X | SB DIODE | | |
| D9843 | PTZ3.9B-X | Z DIODE | | |
| D9861 | MA111-X | SI DIODE | | |
| D9862 | EC30HA04-X | SB DIODE | | |
| D9863 | PTZ3.9B-X | Z DIODE | | |
| D9864 | EC30HA04-X | SB DIODE | | |
| D9881 | UDZS9.1B-X | Z DIODE | | |
| D9882 | MA111-X | SI DIODE | | |
| C9803 | NCJ41HK-335X-U | CHIP C CAPACITO | | |
| C9804 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C9805 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | |
| C9806 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K | |
| C9807 | NCB31HK-332X | C CAPACITOR | 3300pF 50V K | |
| C9810 | NEHM1HM-105X | E CAPACITOR | 1uF 50V M | |
| C9821 | NCJ41HK-335X-U | CHIP C CAPACITO | | |
| C9822 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C9823 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C9825 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J | |
| C9826 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K | |
| C9827 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C9830 | NBZ0008-107X | SP E CAPACITOR | 100uF 6.3V M | |
| C9831 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K | |
| C9843 | NCJ41HK-335X-U | CHIP C CAPACITO | | |
| C9844 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C9845 | NDC31HJ-121X | C CAPACITOR | 120pF 50V J | |
| C9846 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K | |
| C9847 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | |
| C9848 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K | |
| C9861 | NCJ41HK-335X-U | CHIP C CAPACITO | | |
| C9862 | NCB31HK-822X | C CAPACITOR | 8200pF 50V K | |
| C9864 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C9865 | NDC31HJ-121X | C CAPACITOR | 120pF 50V J | |
| C9866 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K | |
| C9867 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | |
| C9868 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K | |
| C9881 | NEHM1HM-105X | E CAPACITOR | 1uF 50V M | |
| C9882 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K | |
| C9883 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K | |
| C9884 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K | |
| R9803 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9804 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R9805 | NRVA02D-473X | CMF RESISTOR | 47kΩ 1/10W D | |
| R9806 | NRSA63D-124X | MG RESISTOR | 120kΩ 1/16W D | |
| R9807 | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D | |
| R9808 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R9809 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R9810 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J | |
| R9812 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9821 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9822 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R9823 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R9824 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9825 | NRSA63D-473X | MG RESISTOR | 47kΩ 1/16W D | |
| R9826 | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D | |
| R9827 | NRSA63D-124X | MG RESISTOR | 120kΩ 1/16W D | |
| R9828 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R9829 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R9830 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J | |
| R9831 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9841 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R9843 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9844 | NRSA63J-680X | MG RESISTOR | 68Ω 1/16W J | |
| R9845 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9846 | NRSA63D-223X | MG RESISTOR | 22kΩ 1/16W D | |
| R9847 | NRSA63J-154X | MG RESISTOR | 150kΩ 1/16W J | |
| R9848 | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D | |
| R9849 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9861 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9862 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R9863 | NRSA63J-824X | MG RESISTOR | 820kΩ 1/16W J | |
| R9864 | NRSA63J-680X | MG RESISTOR | 68Ω 1/16W J | |
| R9865 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R9866 | NRSA63D-153X | MG RESISTOR | 15kΩ 1/16W D | |
| R9867 | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D | |
| R9868 | NRSA63D-154X | MG RESISTOR | 150kΩ 1/16W D | |
| R9869 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9881 | NRS12BJ-332W | MG RESISTOR | 3.3kΩ 1/2W J | |
| R9882 | NRSA63D-472X | MG RESISTOR | 4.7kΩ 1/16W D | |
| R9883 | NRSA63D-472X | MG RESISTOR | 4.7kΩ 1/16W D | |
| R9884 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R9885 | NRSA63D-273X | MG RESISTOR | 27kΩ 1/16W D | |
| R9886 | NRSA63D-472X | MG RESISTOR | 4.7kΩ 1/16W D | |
| L9802 | NQL98EM-150X | COIL | 15uH M | |
| L9822 | NQL71EM-150X | COIL | 15uH M | |
| L9823 | NQR0562-003X | CHOKE COIL | | |
| L9842 | NQL98EM-150X | COIL | 15uH M | |
| L9862 | NQL98EM-150X | COIL | 15uH M | |
| CN9806 | QGB2501K2-07 | CONNECTOR | B-B (1-7) | |
| CN9807 | QGB2501K2-10 | CONNECTOR | B-B (1-10) | |

## DIGITAL SIGNAL P.W. BOARD ASS'Y (SFL0D131A-M2)

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| IC0401 | SN74AHCT1G32V-X | IC | | |
| IC1001 | TC90A92AFG | IC | | |
| IC1002 | MM1572FN-X | IC | | |
| IC1003 | R1141Q151D-X | IC | | |
| IC1502 | NJM2235V-X | IC | | |
| IC3001 | JCC5055 | IC | | |
| IC3004 | TC7MB3257FK-X | IC | | |
| IC3005 | SN74LVC1G08V-X | IC | | |
| IC3006 | SN74LVC2G126T-X | IC | | |
| IC3007 | SN74LVC3G17U-X | IC | | |
| IC3008 | R1170H331B-X | IC | | |
| IC3403 | S-80928CLNB-G-W | IC | | |
| IC3501 | EDD1232AAFA-7A | IC | | |
| IC3502 | EDD1232AAFA-7A | IC | | |
| IC3503 | LP2996MR-X | IC | | |
| IC4001 | JCC5057 | IC | | |
| IC4003 | AT29LE-37X776KA | IC(MICRO C ROM) | (SERVICE) | |
| IC4004 | ATF25637X776K1 | IC | (SERVICE) | |
| IC4005 | SN74LVC1G08V-X | IC | | |
| IC6502 | THC63LVDM83R-W | IC | | |
| IC7001 | MN102H60KPH | IC | | |
| IC7002 | ATF25637X776K2 | IC | (SERVICE) | |
| IC7003 | SN74LVC2G241T-X | IC | | |
| IC7401 | S-80928CLNB-G-W | IC | | |
| IC7601 | M306V7MG-125FP | IC(MCU) | | |
| IC7602 | ATF16-37X776KA | IC | (SERVICE) | |
| IC7603 | SN74LVC1G04V-X | IC | | |
| IC7607 | MM1510XN-X | IC | | |
| IC7608 | MM1510XN-X | IC | | |
| IC7609 | SN74LVC1G08V-X | IC | | |
| IC9201 | MP1593DN-X | IC | | |
| Q0101 | 2SC3837K/NP/-X | TRANSISTOR | | |
| Q0102 | 2SA1022/BC/-X | TRANSISTOR | | |
| Q0104 | 2SA1022/BC/-X | TRANSISTOR | | |
| Q0107 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q0108 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q0109 | HN1C01F/Y/-X | PAIR TRANSISTOR | | |
| Q0110 | HN1C01F/Y/-X | PAIR TRANSISTOR | | |
| Q0201 | 2SC3837K/NP/-X | TRANSISTOR | | |
| Q0202 | 2SA1022/BC/-X | TRANSISTOR | | |
| Q0204 | 2SA1022/BC/-X | TRANSISTOR | | |
| Q0207 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q0208 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q0209 | HN1C01F/Y/-X | PAIR TRANSISTOR | | |
| Q0210 | HN1C01F/Y/-X | PAIR TRANSISTOR | | |
| Q0301 | 2SC3837K/NP/-X | TRANSISTOR | | |
| Q0302 | 2SA1022/BC/-X | TRANSISTOR | | |
| Q0304 | 2SA1022/BC/-X | TRANSISTOR | | |
| Q0307 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q0308 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q0309 | HN1C01F/Y/-X | PAIR TRANSISTOR | | |
| Q0310 | HN1C01F/Y/-X | PAIR TRANSISTOR | | |
| Q1001 | UN2213-X | DIGI TRANSISTOR | | |
| Q1003 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q1004 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q1101 | 2SC3928A/QR/-X | TRANSISTOR | | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| Q1103 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q1201 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q1203 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q1301 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q1303 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q1401 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q1403 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q3001 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q3002 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q3003 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q3004 | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q4001 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q6501 | 2SC3928A/QR/-X | TRANSISTOR | | |
| Q7206 | UN2213-X | DIGI TRANSISTOR | | |
| Q7207 | UN2113-X | TRANSISTOR | | |
| Q7208 | UN2113-X | TRANSISTOR | | |
| | | | | |
| D1001 | EC30HA03L-X | SB DIODE | | |
| D1002 | EC30HA03L-X | SB DIODE | | |
| D2101 | 1SS355-X | SI DIODE | | |
| D7001 | 1SS355-X | SI DIODE | | |
| D7003 | RB501V-40-X | SB DIODE | | |
| D7005 | UDZS8.2B-X | Z DIODE | | |
| D7006 | UDZS8.2B-X | Z DIODE | | |
| D7007 | UDZS8.2B-X | Z DIODE | | |
| D7008 | UDZS8.2B-X | Z DIODE | | |
| D7009 | UDZS8.2B-X | Z DIODE | | |
| D7010 | 1SS355-X | SI DIODE | | |
| D7203 | 1SS355-X | SI DIODE | | |
| D9201 | EC30HA04-X | SB DIODE | | |
| D9203 | PTZ3.9B-X | Z DIODE | | |
| D9204 | 1SS355-X | SI DIODE | | |
| | | | | |
| C0104 | NDC31HJ-390X | C CAPACITOR | 39pF 50V J | |
| C0105 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J | |
| C0107 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C0109 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C0110 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C0111 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J | |
| C0112 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J | |
| C0113 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C0114 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C0115 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C0116 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C0117 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C0204 | NDC31HJ-390X | C CAPACITOR | 39pF 50V J | |
| C0205 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J | |
| C0207 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C0209 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C0210 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C0211 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J | |
| C0212 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J | |
| C0213 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C0214 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C0215 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C0217 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C0304 | NDC31HJ-390X | C CAPACITOR | 39pF 50V J | |
| C0305 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J | |
| C0307 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C0309 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C0310 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C0311 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J | |
| C0312 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J | |
| C0313 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C0314 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C0315 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C0317 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C0401 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C0519 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C1001 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1004 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1005 | NCB31HK-152X | C CAPACITOR | 1500pF 50V K | |
| C1006 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1009 | NDC31HJ-220X | C CAPACITOR | 22pF 50V J | |
| C1010 | NDC31HJ-180X | C CAPACITOR | 18pF 50V J | |
| C1011 | NDC31HJ-102X | C CAPACITOR | 1000pF 50V J | |
| C1012 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1013 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1014 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1015 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1016 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C1017 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1018 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1019 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1021 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1023 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1025 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1026 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1028 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1029 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1030 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1031 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1032 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1033 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1035 | NDC31HJ-680X | C CAPACITOR | 68pF 50V J | |
| C1037 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C1038 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1039 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1040 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1041 | NCB10JK-106X | C CAPACITOR | 10uF 6.3V K | |
| C1042 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C1043 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1045 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1046 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1047 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1048 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K | |
| C1049 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1050 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K | |
| C1051 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K | |
| C1061 | NDC31HJ-4R0X | C CAPACITOR | 4pF 50V J | |
| C1062 | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M | |
| C1063 | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K | |
| C1064 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1065 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K | |
| C1066 | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M | |
| C1067 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K | |
| C1068 | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M | |
| C1069 | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K | |
| C1071 | NBE20GM-106X | TA E CAPACITOR | 10uF 4V M | |
| C1072 | NBE20GM-106X | TA E CAPACITOR | 10uF 4V M | |
| C1073 | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M | |
| C1074 | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M | |
| C1075 | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M | |
| C1076 | NBE20GM-106X | TA E CAPACITOR | 10uF 4V M | |
| C1077 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M | |
| C1102 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J | |
| C1103 | NDC31HJ-680X | C CAPACITOR | 68pF 50V J | |
| C1104 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C1105 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C1106 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1107 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C1109 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J | |
| C1111 | NRSA63J-681X | MG RESISTOR | 680Ω 1/16W J | |
| C1202 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J | |
| C1203 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J | |
| C1204 | NDC31HJ-560X | C CAPACITOR | 56pF 50V J | |
| C1205 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C1206 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1209 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J | |
| C1302 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J | |
| C1303 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J | |
| C1304 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J | |
| C1305 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C1306 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1309 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J | |
| C1311 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J | |
| C1402 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J | |
| C1403 | NDC31HJ-330X | C CAPACITOR | 33pF 50V J | |
| C1404 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J | |
| C1405 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C1406 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1409 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J | |
| C1411 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J | |
| C1502 | NCJ41EK-106X-U | C CAPACITOR | 10mF 25V K | |
| C1508 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C1509 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C1511 | NRSA63J-105X | MG RESISTOR | 1MΩ 1/16W J | |
| C2036 | NDC31HJ-100X | C CAPACITOR | 10pF 50V J | |
| C2101 | NCB21HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C2102 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K | |
| C3004 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3006 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3008 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3010 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3016 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3018 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3019 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3021 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3022 | NBZ0007-107X | SP E CAPACITOR | 100uF 4V M | |
| C3023 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3025 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C3026 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C3028 | NDC31HJ-221X | C CAPACITOR | 220pF 50V J | |
| C3030 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3031 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3032 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3037 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3040 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| C3041 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J | |
| C3042 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3043 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J | |
| C3044 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3045 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3047 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3049 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3051 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K | |
| C3052 | NCB31AK-334X | C CAPACITOR | 0.33uF 10V K | |
| C3056 | NCB31AK-334X | C CAPACITOR | 0.33uF 10V K | |
| C3059 | NCB31HK-223X | C CAPACITOR | 0.022uF 50V K | |
| C3060 | NCB31HK-152X | C CAPACITOR | 1500pF 50V K | |
| C3063 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3065 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3066 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3067 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3068 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3069 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3070 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3071 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3072 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3074 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3076 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3097 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C3101 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C3105 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C3107 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C3109 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C3111 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3112 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C3127 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J | |
| C3128 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J | |
| C3129 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J | |
| C3406 | NCB31HK-102X | C CAPACITOR | 1000pF 50V K | |
| C3501 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3503 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3506 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C3507 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3508 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3509 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C3511 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3515 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3516 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3517 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3518 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3519 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3524 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3527 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3530 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3531 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3532 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C3533 | NCB30JK-225X | C CAPACITOR | 2.2uF 6.3V K | |
| C3535 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3539 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3540 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3542 | NCF31CZ-474X | C CAPACITOR | 0.47uF 16V Z | |
| C3543 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3548 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3549 | NBZ0007-107X | SP E CAPACITOR | 100uF 4V M | |
| C3550 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3551 | NBZ0007-107X | SP E CAPACITOR | 100uF 4V M | |
| C3552 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C4002 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C4003 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C4005 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C4006 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C4008 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C4009 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C4010 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C4011 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C4012 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C4013 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C4016 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C4020 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C4022 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C4023 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C4029 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J | |
| C4030 | NDC31HJ-470X | C CAPACITOR | 47pF 50V J | |
| C4031 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C4901 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4902 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4906 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4907 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4908 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4909 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4910 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4913 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4914 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4915 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| C4916 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4917 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4919 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4920 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4921 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4922 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4923 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4925 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4926 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4931 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4932 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4933 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4934 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4935 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4936 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4937 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4938 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4939 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4940 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4941 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C4942 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C6013 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6014 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6015 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6512 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6513 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6514 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6515 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6516 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6520 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6521 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6522 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6523 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C7001 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C7002 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C7003 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C7006 | NDC31HJ-150X | C CAPACITOR | 15pF 50V J | |
| C7007 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C7012 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C7017 | NDC31HJ-391X | C CAPACITOR | 390pF 50V J | |
| C7018 | NCB31AK-105X | C CAPACITOR | 1uF 10V K | |
| C7025 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C7203 | NCB31HK-473X | C CAPACITOR | 0.047uF 50V K | |
| C7401 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C7402 | NDC31HJ-101X | C CAPACITOR | 100pF 50V J | |
| C7403 | NCB31HK-102X | C CAPACITOR | 1000pF 50V K | |
| C7601 | NDC31HJ-102X | C CAPACITOR | 1000pF 50V J | |
| C7602 | NDC31HJ-221X | C CAPACITOR | 220pF 50V J | |
| C7603 | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K | |
| C7607 | NCB31HK-102X | C CAPACITOR | 1000pF 50V K | |
| C7608 | NCB31HK-221X | C CAPACITOR | 220pF 50V K | |
| C7609 | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K | |
| C7610 | NCB31HK-681X | C CAPACITOR | 680pF 50V K | |
| C7611 | NCB31HK-681X | C CAPACITOR | 680pF 50V K | |
| C7612 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| C7613 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| C7614 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C7615 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C7616 | NCB11CK-105X | C CAPACITOR | 1uF 16V K | |
| C7617 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C7618 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C7619 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C7621 | NCB11AK-106X | C CAPACITOR | 10uF 10V K | |
| C7622 | NCF11CZ-475X | C CAPACITOR | 4.7uF 16V Z | |
| C9001 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M | |
| C9002 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M | |
| C9003 | NEHM1CM-476X | E CAPACITOR | 47uF 16V M | |
| C9004 | NCB31HK-102X | C CAPACITOR | 1000pF 50V K | |
| C9005 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| C9006 | NEHL1HM-106X | E CAPACITOR | 10uF 50V M | |
| C9202 | NCJ41HK-335X-U | CHIP C CAPACITO | | |
| C9203 | NCB31EK-393X | C CAPACITOR | 0.039uF 25V K | |
| C9204 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C9205 | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K | |
| C9207 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | |
| C9209 | NEZ0022-157X | E CAPACITOR | 150uF 10V M | |
| C9211 | NCB31HK-153X | C CAPACITOR | 0.015uF 50V K | |
| C9212 | NCB31HK-222X | C CAPACITOR | 2200pF 50V K | |
| R0105 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0106 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R0107 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R0109 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0110 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0116 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0119 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J | |
| R0121 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0122 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R0125 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R0126 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R0127 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0128 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R0129 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R0131 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0132 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0133 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0134 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0137 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J | |
| R0138 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0140 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R0141 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0205 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0206 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R0207 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R0209 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J | |
| R0210 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0216 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0219 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J | |
| R0220 | NDC31HJ-390X | C CAPACITOR | 39pF 50V J | |
| R0221 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0222 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R0225 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R0226 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0227 | NRSA63J-181X | MG RESISTOR | 180Ω 1/16W J | |
| R0228 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R0229 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R0231 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0232 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0233 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0234 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0237 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J | |
| R0238 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0240 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R0241 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0305 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0306 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R0307 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R0309 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J | |
| R0310 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0316 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0319 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J | |
| R0320 | NDC31HJ-390X | C CAPACITOR | 39pF 50V J | |
| R0321 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R0322 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R0325 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R0326 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0327 | NRSA63J-181X | MG RESISTOR | 180Ω 1/16W J | |
| R0328 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R0329 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R0331 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0332 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0333 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0334 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0337 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J | |
| R0338 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0340 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R0341 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R0501 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0502 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0504 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0506 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0507 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0508 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0516 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0517 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0518 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0519 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R0520 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1001 | NRSA63J-274X | MG RESISTOR | 270kΩ 1/16W J | |
| R1002 | NRSA63D-101X | MG RESISTOR | 100Ω 1/16W D | |
| R1004 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R1005 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R1006 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1007 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1010 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | |
| R1011 | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J | |
| R1012 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J | |
| R1013 | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J | |
| R1014 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1017 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1018 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R1019 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1101 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R1102 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1104 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R1105 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | |
| R1106 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | |
| R1107 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R1108 | NRSA63J-681X | MG RESISTOR | 680Ω 1/16W J | |
| R1113 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J | |
| R1114 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1115 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1201 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R1203 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1204 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R1205 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | |
| R1206 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R1207 | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J | |
| R1213 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J | |
| R1301 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R1303 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1304 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R1305 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | |
| R1306 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R1307 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | |
| R1313 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J | |
| R1401 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R1403 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1404 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R1405 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | |
| R1406 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R1407 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | |
| R1413 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J | |
| R1523 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| R1524 | NRSA63J-474X | MG RESISTOR | 470kΩ 1/16W J | |
| R1525 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1584 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2056 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2057 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2101 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2102 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2103 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R2104 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2105 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2121 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2122 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2123 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2125 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2128 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2151 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R2153 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2154 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2155 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2157 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R3001 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R3004 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R3006 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3007 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3008 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3009 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3012 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3013 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3014 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3015 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3018 | NRSA02J-3R3X | MG RESISTOR | 3.3Ω 1/10W J | |
| R3019 | NRSA02J-3R3X | MG RESISTOR | 3.3Ω 1/10W J | |
| R3020 | NRSA02J-3R3X | MG RESISTOR | 3.3Ω 1/10W J | |
| R3021 | NRSA63D-102X | MG RESISTOR | 1kΩ 1/16W D | |
| R3022 | NRSA63D-332X | MG RESISTOR | 3.3kΩ 1/16W D | |
| R3023 | NRSA63D-332X | MG RESISTOR | 3.3kΩ 1/16W D | |
| R3024 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3028 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3029 | NRSA63D-392X | MG RESISTOR | 3.9kΩ 1/16W D | |
| R3030 | NRSA63D-102X | MG RESISTOR | 1kΩ 1/16W D | |
| R3031 | NRSA63D-151X | MG RESISTOR | 150Ω 1/16W D | |
| R3032 | NRSA63J-5R6X | MG RESISTOR | 5.6Ω 1/16W J | |
| R3033 | NRSA63J-5R6X | MG RESISTOR | 5.6Ω 1/16W J | |
| R3034 | NRSA63J-5R6X | MG RESISTOR | 5.6Ω 1/16W J | |
| R3036 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3037 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3038 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R3040 | NRSA63J-201X | MG RESISTOR | 200Ω 1/16W J | |
| R3041 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3042 | NRSA63J-201X | MG RESISTOR | 200Ω 1/16W J | |
| R3043 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R3044 | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J | |
| R3045 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3047 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R3048 | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J | |
| R3053 | NRSA63J-272X | MG RESISTOR | 2.7kΩ 1/16W J | |
| R3054 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3056 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3063 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R3064 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R3065 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R3066 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R3069 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R3070 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3071 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3072 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3089 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3090 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3091 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3092 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3093 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3094 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3095 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3096 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3097 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3098 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3099 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3100 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3101 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3102 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3103 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3104 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3105 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3106 | NRS144J-0R0X | MG RESISTOR | 0Ω 1/4W J | |
| R3107 | NRS144J-0R0X | MG RESISTOR | 0Ω 1/4W J | |
| R3112 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3114 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3116 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3118 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3120 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3122 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R3126 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3151 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3152 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3153 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3155 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3156 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3157 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3158 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3159 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3160 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3161 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3162 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3163 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3164 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3165 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3166 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3167 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3168 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3169 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R3170 | NRS144J-0R0X | MG RESISTOR | 0Ω 1/4W J | |
| R3171 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3172 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3173 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R3174 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3176 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3177 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3178 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3179 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3180 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3181 | NRS144J-0R0X | MG RESISTOR | 0Ω 1/4W J | |
| R3182 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3183 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3184 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3185 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3186 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3187 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3207 | NRS144J-0R0X | MG RESISTOR | 0Ω 1/4W J | |
| R3502 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3503 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3505 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3507 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3509 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3511 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3514 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3516 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3518 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3520 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3522 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3524 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3525 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3527 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3529 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3531 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3533 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3536 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3538 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3540 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3542 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R3544 | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J | |
| R4004 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4005 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R4006 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4007 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4008 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R4015 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4016 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4018 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4019 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4023 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R4024 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R4027 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4028 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4035 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4037 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4039 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4041 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4042 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4044 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4046 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4055 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4056 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R4057 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R4058 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R4059 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4060 | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J | |
| R4064 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4065 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4068 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R4101 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4102 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4103 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4104 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4105 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R4106 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R4109 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6025 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6028 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6031 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6034 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6057 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6058 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6060 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6507 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6510 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6512 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6513 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6514 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6515 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6521 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6529 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R6531 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6532 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6533 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6534 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6536 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6538 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6540 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6541 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6542 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6543 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6544 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6550 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6551 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6552 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6553 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6554 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6558 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6560 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6561 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7001 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7002 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7003 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7004 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7005 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7007 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7008 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7010 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7011 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7014 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7015 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7016 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7017 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7018 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7021 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7022 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7023 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7024 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7029 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7030 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7032 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R7037 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7039 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7041 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7042 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7043 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7046 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7048 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7049 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7057 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7058 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7060 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R7064 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7065 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7066 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7067 | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J | |
| R7068 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7069 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7070 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7080 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7083 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7085 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7086 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7087 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7088 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7089 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7090 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7093 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7096 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7097 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7098 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R7099 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7100 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7101 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| R7104 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7106 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7109 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7112 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7114 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7117 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7118 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7119 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7120 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7132 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7133 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7134 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R7135 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R7136 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7137 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7140 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R7143 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7148 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7149 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7150 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7153 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7158 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7159 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7160 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7161 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7162 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7163 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7214 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7215 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R7216 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7219 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7224 | NRSA63J-683X | MG RESISTOR | 68kΩ 1/16W J | |
| R7401 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7404 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7601 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R7602 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7603 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7604 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7605 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7606 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7607 | NCB31AK-224X | C CAPACITOR | 0.22uF 10V K | |
| R7608 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R7609 | NRSA63J-272X | MG RESISTOR | 2.7kΩ 1/16W J | |
| R7610 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7611 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7612 | NCB31AK-224X | C CAPACITOR | 0.22uF 10V K | |
| R7613 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R7614 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R7615 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7656 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7657 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7658 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R7659 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R7660 | NRSA63J-105X | MG RESISTOR | 1MΩ 1/16W J | |
| R7661 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R7664 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R7666 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7680 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7681 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7685 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R7686 | NRSA63J-105X | MG RESISTOR | 1MΩ 1/16W J | |
| R7688 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7689 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7690 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7691 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| R9201 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R9202 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9204 | NRSA63D-272X | MG RESISTOR | 2.7kΩ 1/16W D | |
| R9205 | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D | |
| R9206 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R9207 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R9208 | NRSA63J-105X | MG RESISTOR | 1MΩ 1/16W J | |
| R9209 | NRSA63J-680X | MG RESISTOR | 68Ω 1/16W J | |
| R9210 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| RA1001 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA1002 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA1003 | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J x4 | |
| RA1004 | NRZ0080-0R0X | NET RESISTOR | 0Ω 1/16W J | |
| RA1005 | NRZ0080-0R0X | NET RESISTOR | 0Ω 1/16W J | |
| RA1006 | NRZ0040-0R0X | NET RESISTOR | 0Ω 1/16W J x4 | |
| RA2012 | NRZ0080-0R0X | NET RESISTOR | 0Ω 1/16W J | |
| RA2013 | NRZ0080-0R0X | NET RESISTOR | 0Ω 1/16W J | |
| RA2015 | NRZ0080-0R0X | NET RESISTOR | 0Ω 1/16W J | |
| RA2016 | NRZ0080-0R0X | NET RESISTOR | 0Ω 1/16W J | |
| RA3002 | NRZ0034-103W | NET RESISTOR | 10kΩ 1/32W J x4 | |
| RA3004 | NRZ0034-103W | NET RESISTOR | 10kΩ 1/32W J x4 | |
| RA3013 | NRZ0034-220W | NET RESISTOR | 22Ω 1/32W J x4 | |
| RA3014 | NRZ0034-220W | NET RESISTOR | 22Ω 1/32W J x4 | |
| RA3015 | NRZ0034-220W | NET RESISTOR | 22Ω 1/32W J x4 | |
| RA3016 | NRZ0034-220W | NET RESISTOR | 22Ω 1/32W J x4 | |
| RA3018 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3020 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3022 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3023 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3024 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3025 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3026 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3028 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3030 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3032 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3502 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3506 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3508 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3512 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3516 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3518 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3521 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3523 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3526 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3530 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3531 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3536 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3540 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3542 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA3545 | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J | |
| RA3547 | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4 | |
| RA4007 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J x4 | |
| RA4008 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J x4 | |
| RA4009 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J x4 | |
| RA4010 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J x4 | |
| RA4011 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J x4 | |
| RA4012 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J x4 | |
| RA4013 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| RA4014 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| RA4015 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| RA6001 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| RA6515 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| RA7007 | NRZ0040-0R0X | NET RESISTOR | 0Ω 1/16W J x4 | |
| RA7601 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| RA7602 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| RA7603 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| RA7604 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| RA7605 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| RB7605 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| RB7614 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| RB7615 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| | | | | |
| L0101 | NQL092K-R68X | COIL | 0.68uH K | |
| L0201 | NQL092K-R68X | COIL | 0.68uH K | |
| L0301 | NQL092K-R68X | COIL | 0.68uH K | |
| L0304 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L0401 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L1001 | NQR0489-002X | FERRITE BEADS | | |
| L1002 | NQR0489-002X | FERRITE BEADS | | |
| L1003 | NQL092K-1R5X | CHIP P COIL | 1.5uH K | |

| ⚠Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| L1004 | NQR0489-002X | FERRITE BEADS | | |
| L1005 | NQR0489-002X | FERRITE BEADS | | |
| L1006 | NQR0489-002X | FERRITE BEADS | | |
| L1008 | NQL79GM-220X | COIL | 22uH M | |
| L1010 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L1011 | NQL79GM-470X | COIL | 47uH M | |
| L1101 | NQL092K-6R8X | COIL | 6.8uH K | |
| L1102 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L1103 | NQL093K-1R0X | P COIL | 1uH K | |
| L1104 | NQL093K-R10X | COIL | 0.1uH K | |
| L1201 | NQL092K-6R8X | COIL | 6.8uH K | |
| L1203 | NQL092K-1R0X | COIL | 1uH K | |
| L1301 | NQL092K-3R3X | COIL | 3.3uH K | |
| L1303 | NQL092K-1R0X | COIL | 1uH K | |
| L1304 | NQL093K-R10X | COIL | 0.1uH K | |
| L1401 | NQL092K-3R3X | COIL | 3.3uH K | |
| L1403 | NQL092K-1R0X | COIL | 1uH K | |
| L1404 | NQL093K-R10X | COIL | 0.1uH K | |
| L1501 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L2101 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3005 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3006 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3008 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3009 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3010 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3011 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3012 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L3013 | NQL093K-R10X | COIL | 0.1uH K | |
| L3014 | NQL093K-R10X | COIL | 0.1uH K | |
| L3015 | NQL093K-R10X | COIL | 0.1uH K | |
| L3501 | NQR0413-003X | FERRITE BEADS | | |
| L4001 | NQR0413-003X | FERRITE BEADS | | |
| L4002 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L4003 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L6501 | NQR0351-001X | FERRITE BEADS | | |
| L6502 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L6508 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| L6509 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| L6510 | NRZ0034-0R0W | NET RESISTOR | 0Ω 1/32W J x4 | |
| L7001 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L7002 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L7003 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L7004 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L7005 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L7006 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| L9001 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| L9201 | NQL71EM-150X | COIL | 15uH M | |
| CN001 | QGF0508F1-50X | CONNECTOR | FFC/FPC (1-50) | |
| CN002 | QGF0508F1-30X | CONNECTOR | FFC/FPC (1-30) | |
| CN005 | QGB0603L1-B0 | CONNECTOR | B-B (1-110) | |
| J001 | NNZ0117-001 | HDMI CONNECTOR | DIGITAL-IN | |
| K1001 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K1002 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K1003 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K1004 | NQR0489-002X | FERRITE BEADS | | |
| K1005 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K2104 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K2106 | NQR0489-002X | FERRITE BEADS | | |
| K2107 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K3003 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| K3006 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| K3009 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K3010 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K9001 | NQR0413-003X | FERRITE BEADS | | |
| K9002 | NQR0413-003X | FERRITE BEADS | | |
| LC0102 | NQR0483-005X | EMI FILTER | 100uF 25V Z | |
| LC0510 | NQR0498-001X | EMI FILTER | | |
| LC0511 | NQR0498-001X | EMI FILTER | | |
| LC0512 | NQR0498-001X | EMI FILTER | | |
| LC0513 | NQR0498-001X | EMI FILTER | | |
| LC0519 | NQR0416-001X | EMI FILTER | 240pF 16V M | |
| LC0520 | NQR0470-007X | EMI FILTER | 2200pF 50V +50%-20% | |
| LC0522 | NQR0470-007X | EMI FILTER | 2200pF 50V +50%-20% | |
| LC0523 | NQR0483-006X | EMI FILTER | | |
| LC0524 | NQR0483-005X | EMI FILTER | 100uF 25V Z | |
| LC0525 | NQR0483-006X | EMI FILTER | | |
| LC0526 | NQR0470-007X | EMI FILTER | 2200pF 50V +50%-20% | |
| LC0527 | NQR0483-006X | EMI FILTER | | |
| LC6501 | NQR0479-001X | EMI FILTER | | |
| LC7001 | NQR0470-003X | EMI FILTER | 100pF 50V +50%-20% | |
| LC7002 | NQR0470-003X | EMI FILTER | 100pF 50V +50%-20% | |
| LC7003 | NQR0470-003X | EMI FILTER | 100pF 50V +50%-20% | |
| SL7001 | NAX0613-001X | C RESONATOR | | |
| X1001 | NAX0642-001X | CRYSTAL | | |
| X3001 | NAX0635-001X | CXO | | |
| X3003 | NAX0668-001X | CXO | | |
| X4001 | NAX0669-001X | CRYSTAL | | |
| X7601 | NAX0613-001X | C RESONATOR | | |

## RECEIVER P.W. BOARD ASS'Y (SFL0F801A-M2)

REFER TO PARTS LIST IN PAGE 3-25 FOR THIS P.W. BOARD.

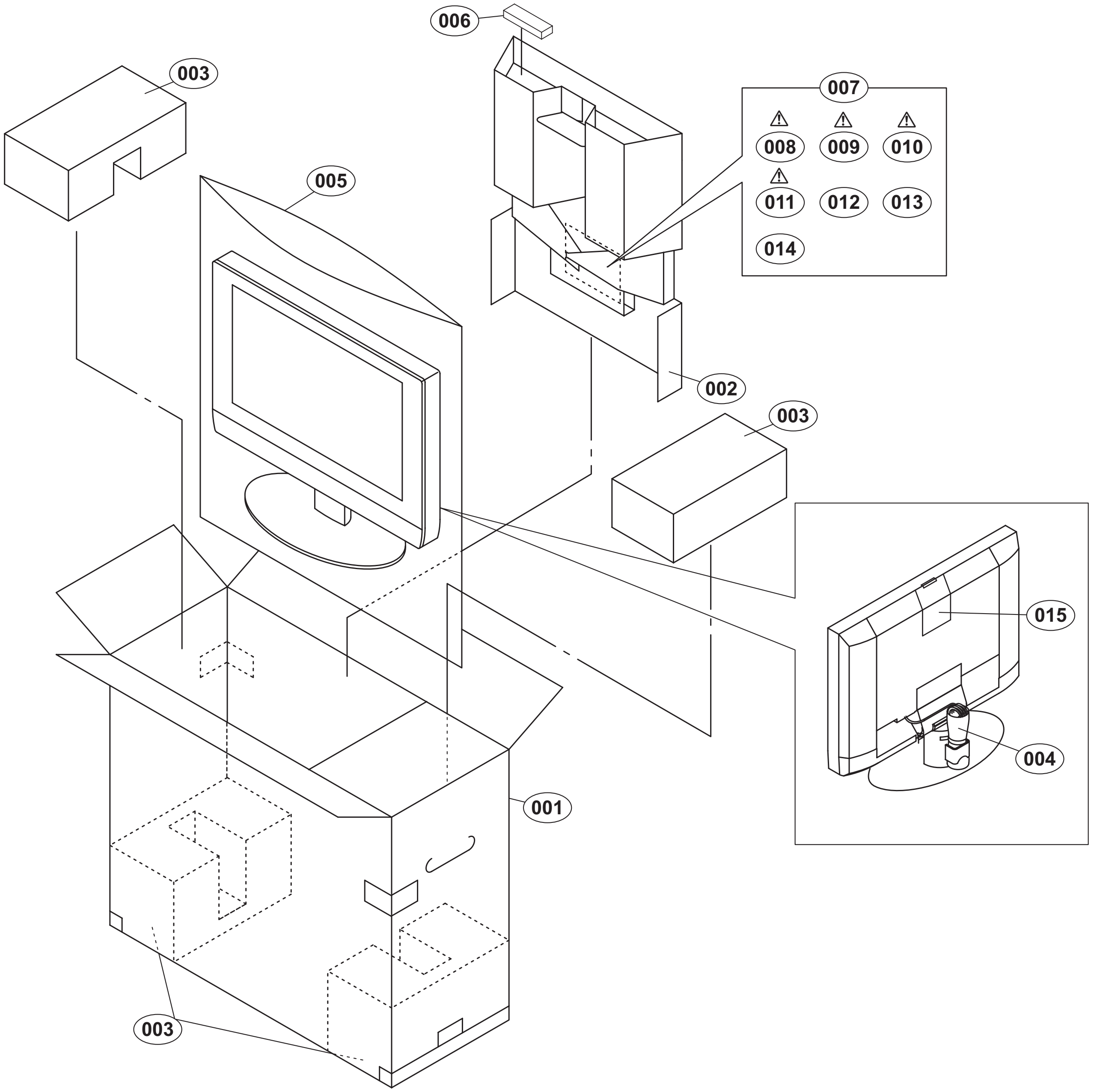
## DIGITAL TUNER MODULE P.W. BOARD ASS'Y (SSD-2101A-M2)

REFER TO PARTS LIST IN PAGE 3-25 FOR THIS P.W. BOARD.

# REMOTE CONTROL UNIT PARTS LIST (RM-C14G-1H)

| ⚠ Ref No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| 001 | UR77EC1403A | BATTERY COVER | | |

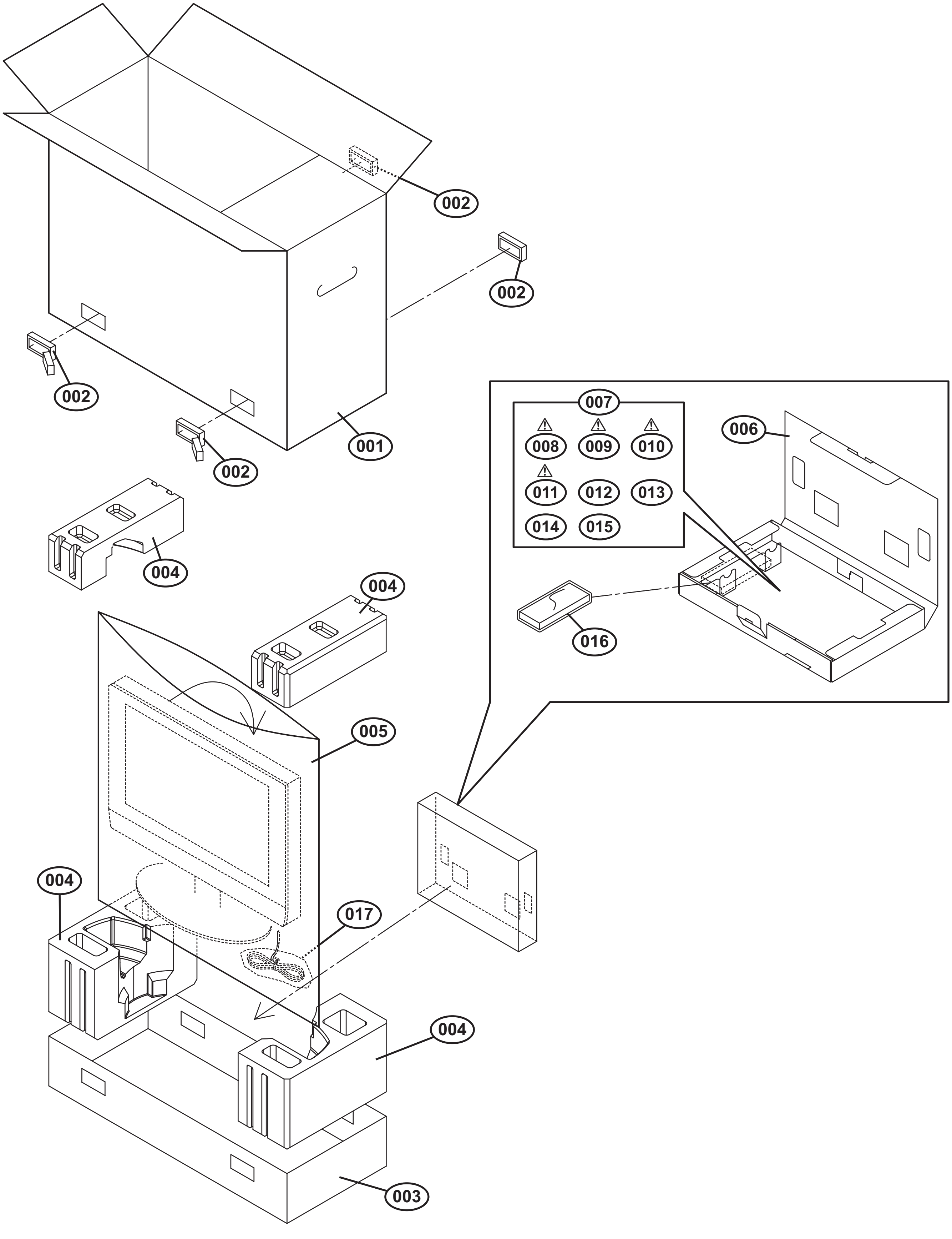
# PACKING [LT-26X776/KA, LT-32X776/KA]



# PACKING PARTS LIST [LT-26X776/KA, LT-32X776/KA]

| ⚠ | Ref.No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|---|
|  | 001 | LC10181-041A-A | PACKING CASE |  | LT-26X776/KA |
|  | 001 | LC10181-042A-A | PACKING CASE |  | LT-32X776/KA |
|  | 002 | LC21688-004A-A | SEPARATOR |  | LT-26X776/KA |
|  | 002 | LC21927-001A-A | SEPARATOR |  | LT-32X776/KA |
|  | 003 | LC12455-001A-A | CUSION ASSY | 4pcs in 1set | LT-26X776/KA |
|  | 003 | LC12456-001A-A | CUSION ASSY | 4pcs in 1set | LT-32X776/KA |
|  | 004 | QPA01002305 | POLY BAG | 10cm x 23cm |  |
|  | 005 | GG30097-003A-H | POLY BAG |  | LT-26X776/KA |
|  | 005 | GG30097-004A-H | POLY BAG |  | LT-32X776/KA |
|  | 006 | RM-C14G-1H | REMOCON |  |  |
|  | 007 | QPA02503505P | POLY BAG | 25cm x 35cm |  |
| ⚠ | 008 | ------------ | WARRANTY CARD | BT-52006-2Q |  |
| ⚠ | 009 | LCT1881-001A-A | INST BOOK | English |  |
| ⚠ | 010 | LCT1882-001A-A | INST BOOK | French |  |
| ⚠ | 011 | BT-51034-2Q | REGIST. CARD |  |  |
|  | 012 | ------------ | BATTERY | R6P/AA(x2) |  |
|  | 013 | QAU0382-002 | RF SPLITTER |  |  |
|  | 014 | QAM0523-003 | RF CABLE | 30cm(x2) |  |
|  | 015 | LCT1883-001A-A | CAUTION SHEET |  |  |

# PACKING [LT-37X776/KA]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# PACKING PARTS LIST [LT-37X776/KA]

| ⚠ | Ref.No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|---|
| | 001 | LC21928-001A-A | TOP CARTON | | |
| | 002 | LC32958-001A | JOINT | (x4) | |
| | 003 | LC21929-001A-A | BOTTOM CARTON | | |
| | 004 | LC12360-001A | CUSION ASSY | 4pcs in 1st | |
| | 005 | GG30097-004A-H | POLY BAG | | |
| | 006 | LC21927-001A-A | ACCESSORY BOX | | |
| | 007 | QPA02503505P | POLY BAG | 25cm x 35cm | |
| ⚠ | 008 | ------------ | WARRANTY CARD | BT-52006-2Q | |
| ⚠ | 009 | LCT1881-001A-A | INST BOOK | English | |
| ⚠ | 010 | LCT1882-001A-A | INST BOOK | French | |
| ⚠ | 011 | BT-51034-2Q | REGIST. CARD | | |
| | 012 | ------------ | BATTERY | R6P/AA(x2) | |
| | 013 | QAU0382-002 | RF SPLITTER | | |
| | 014 | QAM0523-003 | RF CABLE | 30cm(x2) | |
| | 015 | LCT1883-001A-A | CAUTION SHEET | | |
| | 016 | RM-C14G-1H | REMOCON | | |
| | 017 | QPA01002305 | POLY BAG | 10cm x 23cm | |